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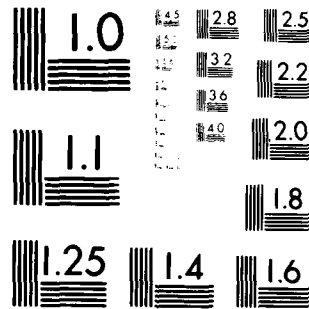
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THESIS

PRE-CONSOLIDATION SUPPLY SUPPORT FOR NARE
ALAMEDA AND NSC OAKLAND LOCAL CUSTOMERS

by

Bryan Hrabosky, Jr.
Wayne Allen/Owen
Ronnald Gordon/Popp

September 1980

Thesis Advisor

A. W. McMasters

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| REPORT DOCUMENTATION PAGE | | READ INSTRUCTIONS BEFORE COMPLETING FORM |
|--|--------------------------------------|--|
| 1. REPORT NUMBER | 2. GOVT ACCESSION NO. AD-A092 663 | 3. RECIPIENT'S CATALOG NUMBER |
| 4. TITLE (and Subtitle) Pre-consolidation Supply Support for NARF Alameda and NSC Oakland Local Customers | | 5. TYPE OF REPORT & PERIOD COVERED September 1980 |
| 7. AUTHOR(s) Bryan Hrabosky, Jr. Wayne Allen Owen Ronald Gordon Popp | | 6. PERFORMING ORG. REPORT NUMBER |
| 9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Postgraduate School ✓ Monterey, California 93940 | | 8. CONTRACT OR GRANT NUMBER(s) |
| 11. CONTROLLING OFFICE NAME AND ADDRESS Naval Postgraduate School Monterey, California 93940 | | 10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS |
| 13. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) Naval Postgraduate School Monterey, California 93940 | | 12. REPORT DATE September 1980 |
| | | 13. NUMBER OF PAGES 525 |
| | | 14. SECURITY CLASS. (of this report) Unclassified |
| | | 15a. DECLASSIFICATION/DOWNGRADING SCHEDULE |
| 16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited. | | |
| 17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report) | | |
| 18. SUPPLEMENTARY NOTES | | |
| 19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Supply; Support; Local Delivery; Material Transportation; Material Distribution; Inventory; Planning | | |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) On October 1, 1979 the wholesale support functions of NAS Alameda were merged into NSC Oakland according to the recommendation of a Department of Defense Material Distri- bution Study (DODMDS). The study suggested that the optimal → | | |

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Pre-consolidation Supply Support for NARF Alameda
and NSC Oakland Local Customers

by

Bryan Hrabosky, Jr.
Lieutenant Commander, Supply Corps, United States Navy
B.S., United States Naval Academy, 1969

and

Wayne Allen Owen
Lieutenant Commander, Supply Corps, United States Navy
B.S., Virginia Polytechnic Institute and State University
at Blacksburg, 1971

and

Ronnald Gordon Popp
Lieutenant, Supply Corps, United States Navy
B.S., Kansas State University at Fort Hayes, 1971

Submitted in partial fulfillment of the
requirements for the degree of

MASTER OF SCIENCE IN MANAGEMENT

from the

NAVAL POSTGRADUATE SCHOOL
September 1980

Authors:

Bryan Hrabosky Jr.
Wayne Allen Owen
Ronnald Gordon Popp

Approved by:

Alan W. McMaster Thesis Advisor

RW Sagehorn Second Reader

Carl R. Rhee
Chairman, Department of Administrative Sciences

W. M. Woods
Dean of Information and Policy Sciences

ABSTRACT

On October 1, 1979 the wholesale support functions of NAS Alameda were merged into NSC Oakland according to the recommendation of a Department of Defense Material Distribution Study (DODMDS). The study suggested that the optimal consolidation of collocated wholesale activities would result in improved customer response at reduced costs. If the merger is to be accredited as a success, NSC Oakland must offer improved post-consolidation support to its local customers and NARF Alameda. This thesis presents a baseline of pre-consolidation data which provides a measure of the supply support provided by NSC Oakland to its local customers and by NAS Alameda to NARF Alameda. This baseline should facilitate both implementation and evaluation of the consolidation's success.

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ACKNOWLEDGEMENT

Much of the effort put into this thesis would have not come to fruition without the generous assistance from the staff and programmers of the Naval Postgraduate School Computer Center. We would like to express our deepest thanks to them for their ideas and support.

I. INTRODUCTION

A. BACKGROUND

A significant portion of the Department of Defense (DOD) support structure is devoted to wholesale material distribution. Historically, the DOD's distribution system evolved as five separate systems, one for each of the four service branches and one for the Defense Logistics Agency (DLA). In 1975 the Joint Logistics Commanders (JLCs), formed as the result of the DOD sponsored logistics symposium, proposed that the present composite distribution system did not effect the most efficient utilization of resources. To study this problem the JLCs commissioned a group of logistic specialists to examine and recommend alternatives to "optimally integrate, consolidate and/or standardize service or agency distribution system functions and facilities where it is clearly beneficial in terms of response and cost."

[1:34]

DOD's physical material distribution system was examined in detail from April 1975 to March 1978 through a study known as the DOD Material Distribution System Study (DODMDS). That study investigated capacities, operating costs and transportation cost of thirty-four major wholesale supply activities operated by the services and the DLA. From this information DODMDS attempted to determine the number and

locations of wholesale activities necessary to provide efficient and cost effective distribution of materials. Some of the major findings were that:

1. The existing DOD distribution system has excess capacity even with demand surges.
2. Repositioning of DOD stocks to depots closer to major consumers and CONUS ports of embarkation could result in significant transportation savings and also provide improved responsiveness to consumer requirements.
3. Depots located on large multi-mission installations incur lower overhead support cost per unit of through-put than depots located on small installations or single mission installations which exist primarily to house a supply depot.
4. Total demand for consumables in DOD is not large enough to warrant a separate system of depots for handling consumables and repairables.

Consequential to these findings and the data analysis, the 1978 DODMDS Report suggested that the Navy could profitably combine parallel wholesale distribution functions in the Oakland, San Diego and Norfolk areas. Based on this DODMDS recommendation the Department of the Navy initiated the Shore Establishment Realignment (SER). The SER feasibility study concluded that the consolidation of wholesale supply support functions performed in Oakland, San Diego and Norfolk areas by the respective Naval Supply Centers (NSCs) and Naval Air Stations (NASSs) was feasible and cost

effective. [5:14] The study's caveat was that a timely investment in a more advanced and responsive materials handling system would be required [5:14]. The Chief of Naval Operations (CNO) and the Secretary of the Navy approved the SER recommendations and designated that NSC Oakland/NAS Alameda would be the prototype to effect this change in claimancy and automation before the other two sites. This consolidation signals an important change of missions for the NSCs involved. Further, it strengthens justification for capital expenditure to improve fleet support through the procurement and utilization of a state-of-the-art material handling/process-controlled system termed the Navy Integrated Storage Tracking and Retrieval System (NISTARS).

NSC Oakland, NAS Alameda and Naval Air Rework Facility (NARF) Alameda (NAS's largest customer) worked together in planning and executing the SER consolidation. The main objective was to aggressively meet the Navy Supply Systems Command's (NAVSUP) specification of improved fleet support [5:14]. This would mean two things. First, the present support NSC Oakland provides to its customers would be improved. Second, that NSC Oakland would provide a better level of supply support than was provided by NAS Alameda to NARF Alameda.

Just what would improvement in service mean to NARF Alameda and NSC Oakland's local customers? In the area of material issues, NAS Alameda and NARF Alameda had agreed

to and participated in delivery performance standards higher than those prescribed by the Uniform Material Movement Issue Priority System (UMMIPS). These stringent standards were necessary to ensure minimum disruption of production schedules due to emergent parts requirements [5:14].

NAS Alameda's Supply Department served as a repository for Not-Ready-For-Issue (NRFI) repairable components to be inducted at NARF Alameda, the designated overhaul point (DOP). NARF Alameda used the NAS Alameda NRFI component availability data to plan its workload and induction schedules. NAS Alameda also provided monitoring and expediting of outstanding material requirements, intensive surveillance of work stoppage requisitions, and management of repairable pools and special repair part allowance and change kits.

Whether adjudging the benefits of an elimination of duplicative efforts and resources, or an increase of resource productivity or improved supply support to consumers, measurement is vital in both implementation and evaluation phases of consolidation. A baseline of pre-consolidation data must be documented if changes can hope to be assessed. It will be a key to increasing management's visibility of supply support performance to quickly identify emergent problems requiring corrective action. This data can also supply NSC Oakland information on items to incorporate into NISTARS and a Ready Supply Store (RSS) for NARF Alameda.

Further, the methods by which NSC Oakland collects its data will be of interest to the two follow-on consolidations. An effective analysis of NSC Oakland's implementation and evaluation problems and successes can reduce costs and maximize success for each subsequent consolidation.

To this end the intent of this thesis is to achieve the following specific objectives:

- a. Identify and describe the requisition processing and establish baseline data for NARF Alameda and NSC Oakland's local customers.
- b. Establish baseline data for NSC Oakland.
- c. Identify potential items for stock in an RSS to support the Naval Air Rework Facility (NARF) Alameda.
- d. Identify potential items for stock in the NISTARS.

The delineation of this baseline data will assist in or allow:

1. Evaluation of customer support.
2. Planning of a local distribution system.
3. Identification and evaluation of impact of future changes in customer material requirements and requisition processing.

NARF Alameda is not only a major customer of NSC Oakland, but the only one which has undergone significant and direct changes in its support. Accordingly, considerable emphasis is afforded NARF Alameda and its analysis is more detailed than that of NSC Oakland's other local customers.

B. CONTENT

Chapter II summarizes the pre-consolidation support provided by NAS Alameda to NARF Alameda with details contained in Appendices A through K. Information is provided on requisitions, requisition quantities, material cognizance, calendar summaries of demand and net weight and net cubic volume data, and NARF referrals to NSC Oakland.

Chapter III summarizes NSC Oakland's support to local customers with details contained in Appendices L through V. Information is provided on requisitions, requisition quantities and material cognizance. In addition, the following information is presented for the top twenty-five local customers: calendar summaries of demand, and net weight and net cubic volume data, and listings of high demand items. Finally, for eleven of the top local customers, requisition analysis by both day and month prepared, received and shipped, and material cognizance analysis are presented.

Chapter IV summarizes the requisitioning procedures for the following NSC Oakland local customers; ships, submarines, aviation squadrons, Public Works Center, San Francisco, NARF Alameda, and Mare Island Naval Shipyard with details contained in Appendices W and X. A discussion is provided on categorizing business conducted with NSC Oakland by service branch, inventory stocking policies and level of inventory support (wholesale/retail).

The information contained in these chapters was based on the Demand History Files (DHF) for both NSC Oakland and NAS Alameda. The analyses presented were facilitated by the IBM 360/67 System at the Naval Postgraduate School. Summary and conclusions are contained in Chapter V.

II. DATA ANALYSIS OF NARF ALAMEDA

A. SOURCES OF DATA

Data for part B of this chapter was derived from the calendar year 1979 Demand History File (DHF) for NAS Alameda. All NARF Alameda demands (requisitions) were extracted from this file of 304,653 records. A review of the demand totals by date revealed that January, November and December records were incomplete. There were no demands recorded for the first twenty-four days of January and demands for November and December were recorded at levels 95% below that normally experienced in prior months. Accordingly, only demands for the nine month period of February through October (Julian Date 9032 to 9304) were considered in the data analysis. This consisted of 134,034 demands.

Each of these demands was compared with data contained on freight classification data computer tapes provided by the Fleet Material Support Office (FMSO). These tapes contained data on 1,555,797 items. For each item demanded by NARF Alameda that was listed on the FMSO tapes, nomenclature, net weight and net cubic volume data was recorded for the item. The result of this matching process was the creation of a new NARF Alameda DHF which contained this additional information for 65.1% of the total NARF demand. Material presented in part B of this chapter is based on data collected directly from this new file.

The purpose of part C is to analyze the level of NARF business referred to NSC Oakland by NAS Alameda prior to consolidation. Material presented is based on data derived from the NSC Oakland DHF for the period September 1977 through August 1978 (Julian Dates 7244 to 8243). This demand history file was utilized because it was immediately available. The time constraint for completing the required computer analysis precluded obtaining a more current demand history file. A total of 73,674 NARF Alameda requisition referrals were extracted from the file for further data analysis.

B. REVIEW OF NARF ALAMEDA DEMAND (JULIAN DATE 9032-9304)

1. ABC Analysis

An ABC analysis is simply the stratification of items into groups, namely groups A, B and C, based on some measure of importance. The ABC analysis discussed below stratifies requisition items and requisition quantities by the frequency of their occurrence.

The analysis summarizing NARF Alameda supply demand for the nine-month period from February through October 1979 is contained in Appendix A. Data is presented in demand frequency sequence in descending order. Data ranges from one item with a frequency of demand of 168 to 32,118 items experiencing only one frequency of demand. There was a total of 54,346 different demand items.

Figure I is an ABC Curve displaying the percentage of total items versus the corresponding percentage of total demands. For example, 5.2% of the items demanded (all items with eight or more demands) accounted for 30.2% of the total number of demands. Additionally, 24.3% of the total items demanded (all items with three or more demands) accounted for about 62.6% of the total demand.

ABC analysis data for quantities demanded is presented in Appendix B. All units of issue were considered on an equal basis in this analysis. Data is presented in quantity sequence in descending order from 5,000 with the frequency of occurrence also listed. The quantity of 5,000 represents the occurrence of quantities of 5,000 or over. Demands with blank or non-numeric quantity fields were not considered.

Figure 2 displays the percentage of demands versus the percentage of the total quantity demanded. For example, 2.0% of the total demand (all demands with quantities greater than 440) accounts for about 50.0% of the total quantity of items demanded. Also, the data reveals the tendency for demands to be rounded to convenient order quantities. For example, there were 4,717 demands for a quantity of 50 and 30 demands for a quantity of 51. Large quantities tend to be rounded to hundreds or thousands. There were 471 demands for a quantity of 1000 while there were only 34 demands for a quantity of 900.

FIGURE 1

ABC Curve: Percentage of Total Business
(by number of requisitions)
By Percentage of Total Items Requisitioned

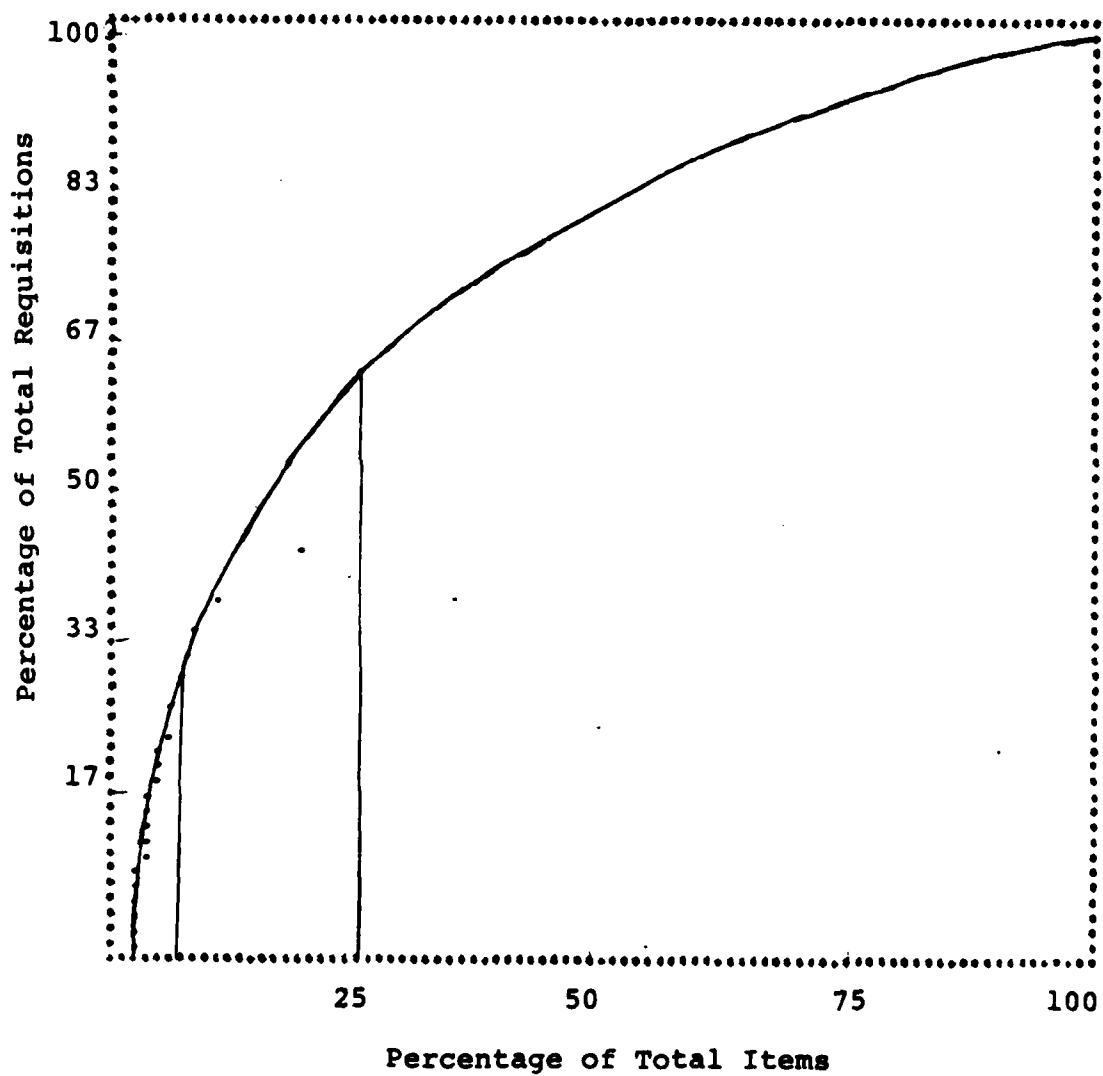
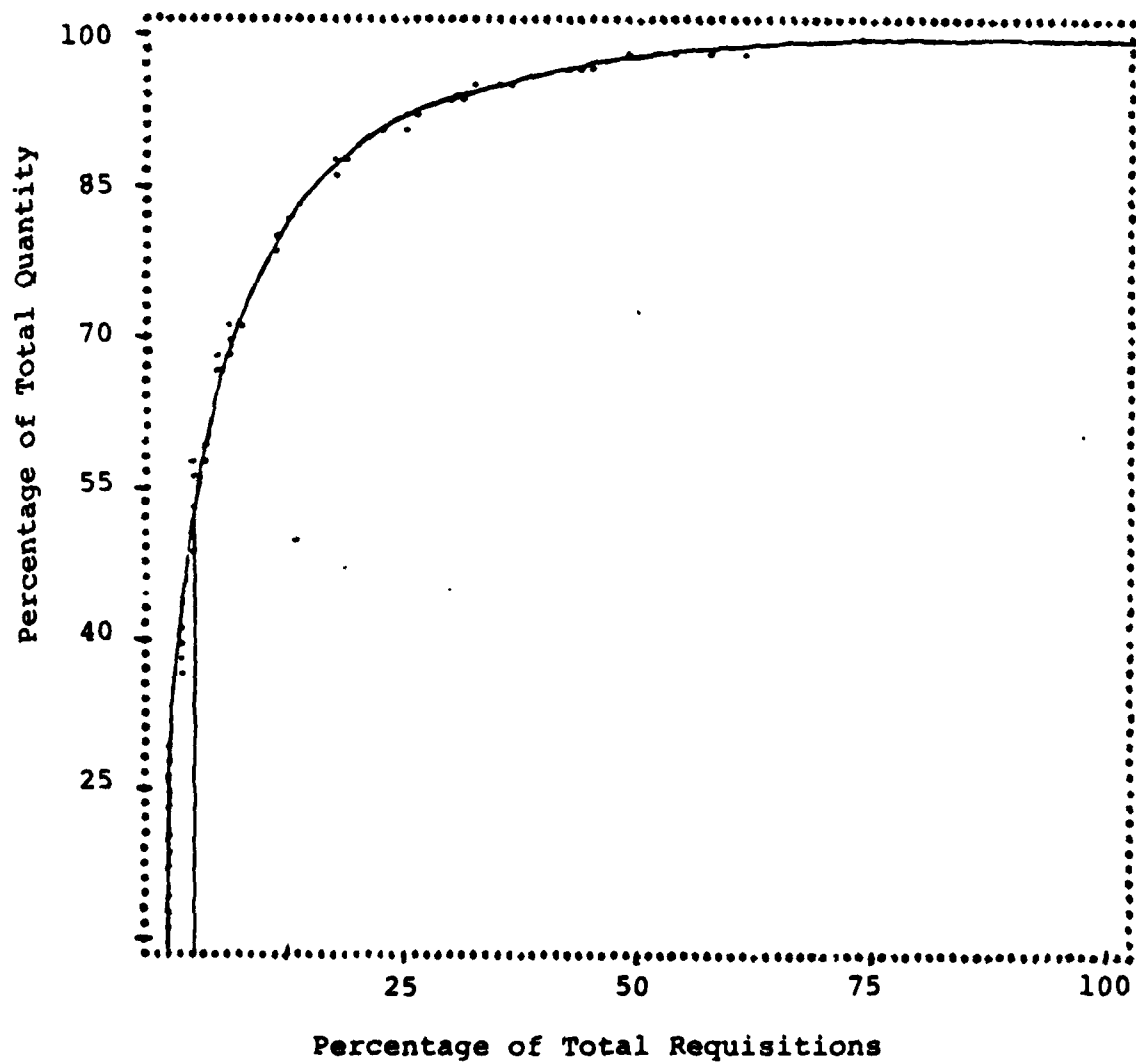


FIGURE 2

ABC CURVE: Percentage of Total Business (by Quantity)
By Percentage of Total Number of Requisitions



2. Material Cognizance Analysis

Appendix C lists 39 Cognizance Symbols (COGs) each of which represents ten or more demands. Material representing only three COGs accounted for 69.0% of NARF Alameda's total demand. These were 9Z, Defense Industrial Supply Center (DISC) managed industrial supplies; 1R, Aviation Supply Office (ASO) aviation consumables; and 9N, Defense Electronics Supply Center (DESC) managed electronic supplies. This 9Z, 1R and 9N COG material represented 39,912, 32,252 and 20,658 demands, respectively. Of these, 25 COGs represent demands of 100 or more and 12 COGs represent demands of 1,000 or more. Only the three COGs mentioned account for demands greater than 10,000. The 39 COGs listed represent 99.9% of the total business or 133,901 of the 134,034 demands.

3. Calendar Summary of Demand, Net Weight and Net Cubic Volume

Appendix D contains a daily tabulation of the 134,034 NARF Alameda demands utilizing the document date as the basis for the tabulation. Data is presented in calendar format with totals listed by week, month and year. Also, totals are listed monthly and yearly by day of the week. Zeroes fill in spaces before the first day and after the last day of each month.

The net weight (pounds) and net cubic volume (cubic feet) data presented in Appendices E and F were tabulated in much the same way as the demand data discussed above. It should be noted however, that the net weight and net cubic

volume were available for only 65.1% of the total demands. Net weight and net cubic volume data were multiplied by the demand quantity before tabulation. A demand with any type of cancellation supply status was not considered. There were 10,757 such cancellations for the nine month period.

It was observed that not all net weight and net cubic volume data were accurate. For example, Nitrogen, NSN 9G 6830-00-840-6578, with a unit of issue of one cubic foot was listed as having a net weight of 116 pounds. One demand for this item was for 12,240 cubic feet. This would have been tabulated as 1,419,840 pounds and would have greatly distorted the data. Since heavy or large items are not normally requisitioned in large quantities, the impact of such questionable data tabulations was reduced by not considering demands with a quantity 100 or more and a net weight of 100 or more pounds. Additionally, demands with a quantity 100 or more and a net cubic volume of 25 or more cubic feet were not considered. There were nineteen demands disregarded due to the quantity/weight restriction and six demands disregarded due to the quantity/cubic volume restriction.

The data presented is useful in gaining insight into the magnitude of NARF Alameda's business even though some inaccuracies do exist. The average daily demand net weight for a weekday was 9,104 pounds. The average net cubic volume was 3,139 cubic feet. The Saturday average net

weight and net cubic volume was 946 pounds and 323 cubic feet. The Sunday average net weight and net cubic volume was 3,457 pounds and 375 cubic feet.

4. High Demand Items

Arbitrarily, 30.2% of the cumulative NARF Alameda business was chosen from the ABC Analysis for examination in detail of the items comprising high requisition frequencies for NARF Alameda. 2813 National Stock Numbers (NSNs) representing 5.3% of all items demanded were extracted from the DHF and are listed in demand sequence in descending order in Appendix G. This display provides for each item, the applicable COG, number of times the item was demanded during the nine-month period, priorities of requisitions submitted, number of cancellations during the period, average requisition quantity, unit of issue and net weight and net cubic volume of the item (985 items had no weight and cubic data). These NSNs are prime stocking candidates for inclusion into an RSS for NARF Alameda.

5. High Quantity Requisitions

Items for which requisition quantities were high were also examined. Items with at least three demands whose cumulative quantities were greater than 3,000 and items with single requisition quantities of at least 10,000 are contained in Appendix H. Although some duplication does exist between Appendix G and Appendix H (an item could have had more than eight requisition frequencies and high

requisition quantities), an analysis of quantity does provide insight into items that may have been overlooked in paragraph 4 because of low demand. For example, an item may have had only six demands all year, but had been ordered in quantities of 25,000 per requisition.

The 316 items presented in Appendix H are listed in stock number sequence. Applicable COG, unit of issue, number of demands, total cumulated demand quantity, cumulative requisition priorities by issue group, and number of cancellations are displayed for each item. For items with cumulative quantities greater than 3,000 and at least three demands, the greatest cumulative quantity was 106,402 for a screw (NSN 9Z 5305-940-9308). This demand represented only seven requisitions. The highest quantity for a single demand was 75,000 gallons of commercial propane purchased on a local contract (no NSN).

C. NARF ALAMEDA REQUISITIONS REFERRED TO NSC OAKLAND

A different perspective can be gained by looking at the NARF support provided by NSC Oakland prior to consolidation. In addition, a comparison of total NARF Alameda demand with NARF referrals will provide a gross approximation of the workload increase at NSC Oakland as a result of the consolidation. In performing any such comparison, it must be noted that the total NARF Alameda demand is based on requisition data for CY79, while NARF Alameda referrals are based on the period September 1977 - October 1978. Individual

NARF referrals were extracted from the NSC Oakland DHF and included 'BA' status requisitions (e.g., issued). Using this data, several factors have been analyzed. Data utilized in analyzing the following factors is found in Appendix I.

1. Daily and Monthly Demand Patterns

An analysis of 'BA' status requisitions was conducted to determine the daily and monthly patterns by which requisitions were prepared at NARF, received at NSC Oakland and shipped by NSC. For this analysis, the requisition date was used as the date of preparation; the date the requisition was processed into the Uniform Automated Data Processing System-Stock Point (UADPS-SP) Requisition Status File was used as the date of receipt; the date the material was picked from stock was used as the date of shipment. In general, the results from Table I-1, data by day of the week and from Table I-2, data by month of the year are summarized as follows:

a. Requisitions Prepared at NARF (Daily):

Workload was evenly distributed Monday through Thursday. On Friday the workload was reduced approximately 14.0%. Only 4.2% of the total requisitions were prepared on the weekend.

b. Requisitions Prepared at NARF (Monthly):

The average number of requisitions prepared per month was 2207. During December, workload dropped approximately 40.0%. This decrease was attributed to the normal change in workload resulting from the Christmas holidays.

Significant increases in workload were noted in March, April and May. Personnel at ASO revealed that these increases were normal and can be attributed to the increased availability of repair funds during the second and third quarters of each fiscal year.

c. Requisitions Received at NSC (Daily):

The expected time delay is evident but impossible to accurately quantify. This time delay reflects the processing and referral time from NAS Alameda to NSC. The fewest referrals were received on Mondays (6.0%), while on weekends more than four times as many requisitions were received than were originally prepared (17.4% compared to 4.2%). The number of referrals received increased gradually starting on Wednesday and peaked on Fridays (20.6%).

d. Requisitions Shipped by NSC (Daily):

Almost 41.0% of the referrals were shipped on Thursdays and Fridays. Weekend shipments consisted of 15.0% of the workload. The fewest requisitions were shipped on Tuesdays (11.0%). The date shipped contained in the demand history file record represents the date picked (e.g. selected from the warehouse location). The time from date picked to date loaded for delivery is referred to as transportation hold time. Data for CY79, shows that NSC Oakland's transportation hold time was 0.7, 1.8, and 2.5 days for issue groups I, II and III respectively. [6:24-30]

f. Requisitions Shipped by NSC (Monthly):

Since most requisitions were shipped during the same month as they were received, the data closely parallels that for requisitions received (monthly).

2. Analysis of Requisition Priorities

An analysis of the priority by which these requisitions were ordered provides further evidence of the impact of NARF Alameda referrals on NSC Oakland operations. Priorities are a function of the urgency of need for the material and the relative essentiality of the mission and tasking of the ordering activity. The base line data analysis of requisitions priorities are found in Appendix J. Five separate tables are provided in this appendix. The results of these analyses, identified by the applicable table, are summarized as follows:

a. NARF Referrals Requisition Priorities: (Table J-1).

The percentages of all NARF referrals when categorized by issue priority group (IPG) were found to be:

| | |
|--------------|-------|
| IPG I..... | 35.1% |
| IPG II..... | 49.7% |
| IPG III..... | 15.2% |

b. NARF Referrals as a Percentage of NSC Workload: (Table J-2)

The percentages of NARF referrals by IPG as compared to the total local requisitions by IPG processed by NSC Oakland were found to be:

| | |
|--------------|-------|
| IPG I..... | 33.8% |
| IPG II..... | 14.8% |
| IPG III..... | 01.8% |

It is significant to note that one-third of the locally generated emergency material requests (IPG I requisitions) received by NSC Oakland were for NARF Alameda support. In general, these high priority requisitions are required to support the CLAMP (Priority 02) and Hi-Burner (Priority 03) programs.

c. NARF Referrals Requisition Submission Times:
(Table J-3 and J-5)

The requisition submission time is the average difference in days between the requisition date and the date of receipt at NSC Oakland. As previously stated, this time period includes the time for NAS Alameda to process and refer the requisitions. Since this step has been eliminated as a result of the aviation wholesale stock consolidation, submission times should now be reduced. Submission times as measured from the baseline data were greater than the average for all local customers, except for IPG III requisitions. The average submission time for all NARF Alameda referrals was 7.3 days compared to 6.8 days for all local customers. NARF Alameda's high priority requisitions had longer submission times than those of its routine requirements and the high priority requisitions of most other local customers. The primary cause has apparently

been technical problems relating to item identification by the material control centers at the NARF.

d. Analysis of Requisition Priorities: (Table J-4 and J-5)

The following priorities were analyzed by the quantity ordered and the submission time for the quantity ordered:

| <u>PRIORITY</u> | <u>PRIMARY USE</u> | <u>PERCENTAGE OF NARF REQUISITIONS</u> |
|-----------------|--------------------|--|
| 2 | CLAMP | 3.3 |
| 3 | Hi-Burner | 31.8 |
| 6 | P-3 Program | 49.2 |
| 13 | Routine | 9.5 |
| TOTAL..... | | 93.8 |

Briefly, 18.9% of all referrals were for a quantity of one while the most frequent order quantity fell in the 3 to 10 range. It was surprising to note that there were 788 requisitions for a quantity in excess of 400. This could be an indication of a need for better material management at the NARF. This contention is enhanced by the fact that there were 619 IPG I referrals with order quantities in excess of 100.

3. Material Cognizance Analysis

These NARF referrals were further analyzed to determine the related COG. The analysis considered only those COGs cited on at least 100 requisitions in total from NARF Alameda or other local customers. This included 99.9% of

the total referrals passed to NSC Oakland. Data for this analysis can be found in Appendix K.

The results of the analysis are summarized in Table II-1. The numerical difference between COGs ordered and the COGs issued in Table II-1 represents the number of requisitions for each COG that were either not carried or not in stock. With this data, gross effectiveness for each of the COGs was computed and presented in Table K-1. Gross effectiveness should not be construed to equal point of entry (POE) effectiveness as determined by UADPS-SP. In this analysis NARF Alameda referrals include cancellations, rejections or special cases which would not be considered in determining POE effectiveness. However, it was assumed that the results were a useful approximation of POE effectiveness. Based on this analysis the following additional results are summarized from Table K-2:

TABLE II-1
NARF ALAMEDA REFERRALS
MATERIAL COGNIZANCE SUMMARY

- a. Total COGs.....26
- b. Total Navy Stock Account (NSA).....19
- c. Total Appropriations Purchase Account (APA).. 6
- d. Top COGs ordered:

| <u>COG</u> | <u>Requisitions</u> |
|------------|---------------------|
| 9Z | 33685 |
| 9N | 22931 |
| 9C | 7594 |
| 9G | 7306 |
| 1R | 1038 |

- e. Top COGs issued:

| <u>COG</u> | <u>Requisitions</u> |
|------------|---------------------|
| 9Z | 10983 |
| 9N | 8410 |
| 9G | 3413 |
| 9C | 2851 |
| 5R | 276 |

- f. Percentage by Stores Account:

| | <u>Orders</u> | <u>Issues</u> |
|-----|---------------|---------------|
| NSA | 99.97 | 99.95 |
| APA | 00.03 | 00.05 |

- g. Gross Effectiveness:

- 1. Master DLA/FMSO managed COGs.....35.9%
- 2. Major ASO managed COGs.....10.4%
- 3. Weapons Integrated Material Manager
(WIMM) COGs.....18.9%
- 4. APA COGs.....54.2%
- 5. NSA COGs.....35.9%
- 6. TOTAL - All COGs.....36.0%

III. DATA ANALYSIS OF NSC OAKLAND

A. SOURCES OF DATA

Data for this chapter were derived from the NSC Oakland demand history file (DHF) for the twelve-month period from September 1977 through August 1978 (Julian Dates: 7244 to 8243). This file contained 2,157,598 records. Customers receiving local delivery supply status were identified. All demands with 'BA' supply status for these customers were extracted. The result of this procedure was a demand history file for 172 local customers containing 341,354 requisitions with 'BA' supply status. Demands were limited to those with 'BA' supply status in order to focus upon the demands which actually generated material movements.

Each demand was then compared with data contained in freight classification data computer tapes provided by FMSO. For each item demanded by local customers that was listed on the FMSO tapes, nomenclature, net weight and net cubic volume data were recorded for the item. The result of this procedure was a new local customer demand history file containing additional information for 83.3% of the total demand on the file.

Material presented in Part 6 of this chapter is based on data collected either directly from this file or the original DHF. The analyses contained in paragraphs one through four

utilize the new DHF while those contained in paragraphs five through eight utilize the original DHF.

B. REVIEW OF NSC OAKLAND LOCAL CUSTOMER DEMAND (JULIAN DATES: 7244 to 8243)

1. ABC Analysis

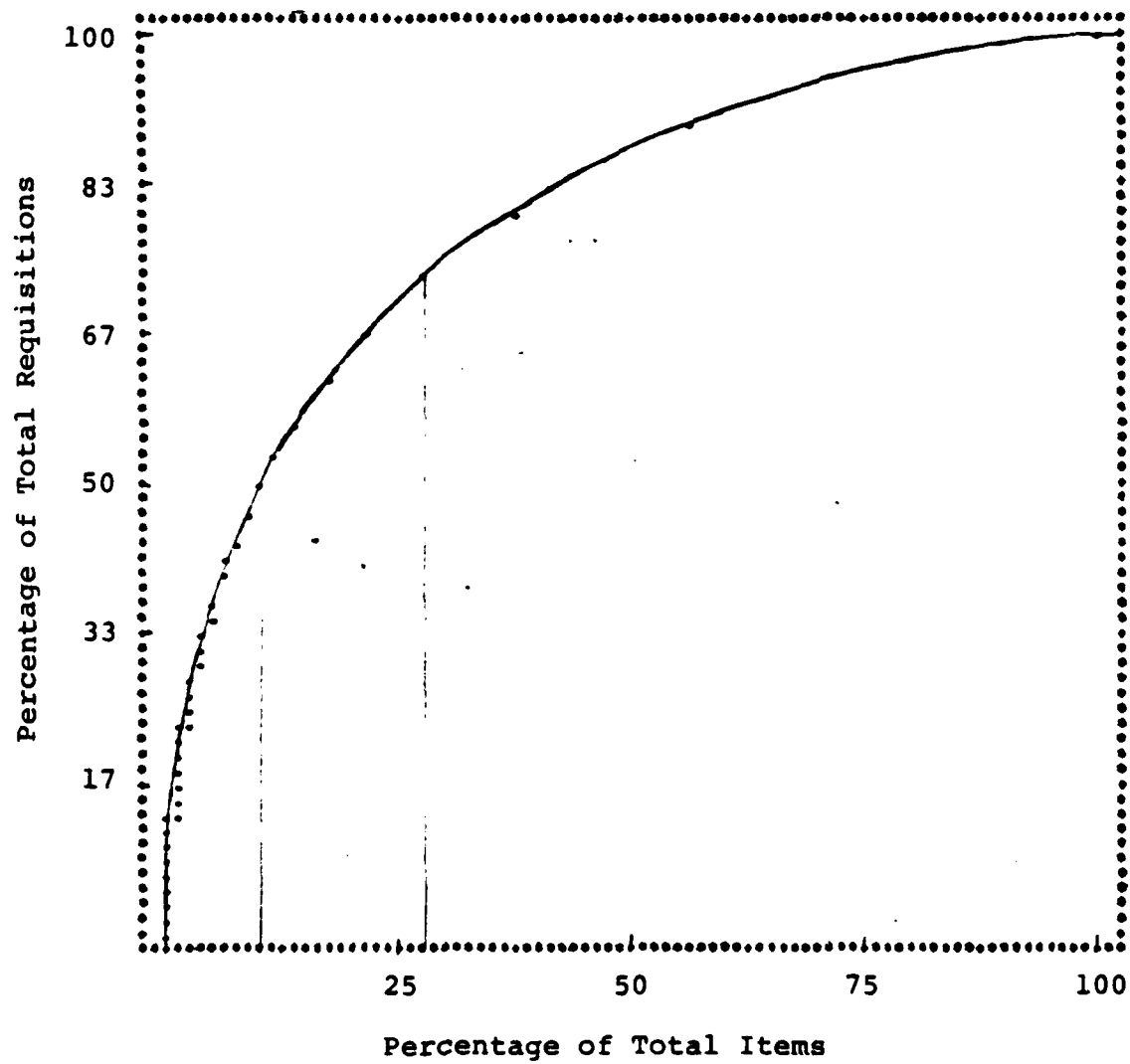
As discussed in Chapter II, an ABC Analysis is the stratification of items into groups based on a given measure of importance. A summary of all NSC Oakland local customer demand as a whole is presented in Appendices L and M and follows the analysis described in Part B of Chapter III for NARF Alameda.

Demand analysis information in Appendix L is listed in frequency of demand sequence in descending order. Data ranges from one item with 309 demands to 36,426 items with only one demand. There was a total of 82,655 different items demanded. Approximately 10.0% of these items (all items with nine or more demands for the year), accounted for almost 50.0% of the total demand. About 28.0% of the items accounted for 73.0% of the total demand. An ABC curve, Figure 3, illustrates the above information. Part B, paragraph 3 of this chapter summarizes the principle demand items for each of the major local customers.

Appendix M contains ABC analysis data for demand quantities and the frequency of their occurrence. Data is presented in quantity sequence in descending order from 5,000. The quantity 5,000 represents the occurrence of quantities

FIGURE 3

ABC Curve: Percentage of Total Business
(by number of requisitions)
By Percentage of Total Items Requisitioned



of 5,000 or over. All units of issue were considered on an equal basis. Demands with blank or non-numeric quantity fields were not considered, which accounts for the difference in the number of total demands in Appendices L and M. Data ranges from 361 demands for quantities of at least 5,000 to 85,077 demands for a quantity of one. About 30.0% of the items demanded accounted for 95.0% of the total quantity of items demanded. The ABC curve, Figure 4, illustrates this information.

2. High Demand Items

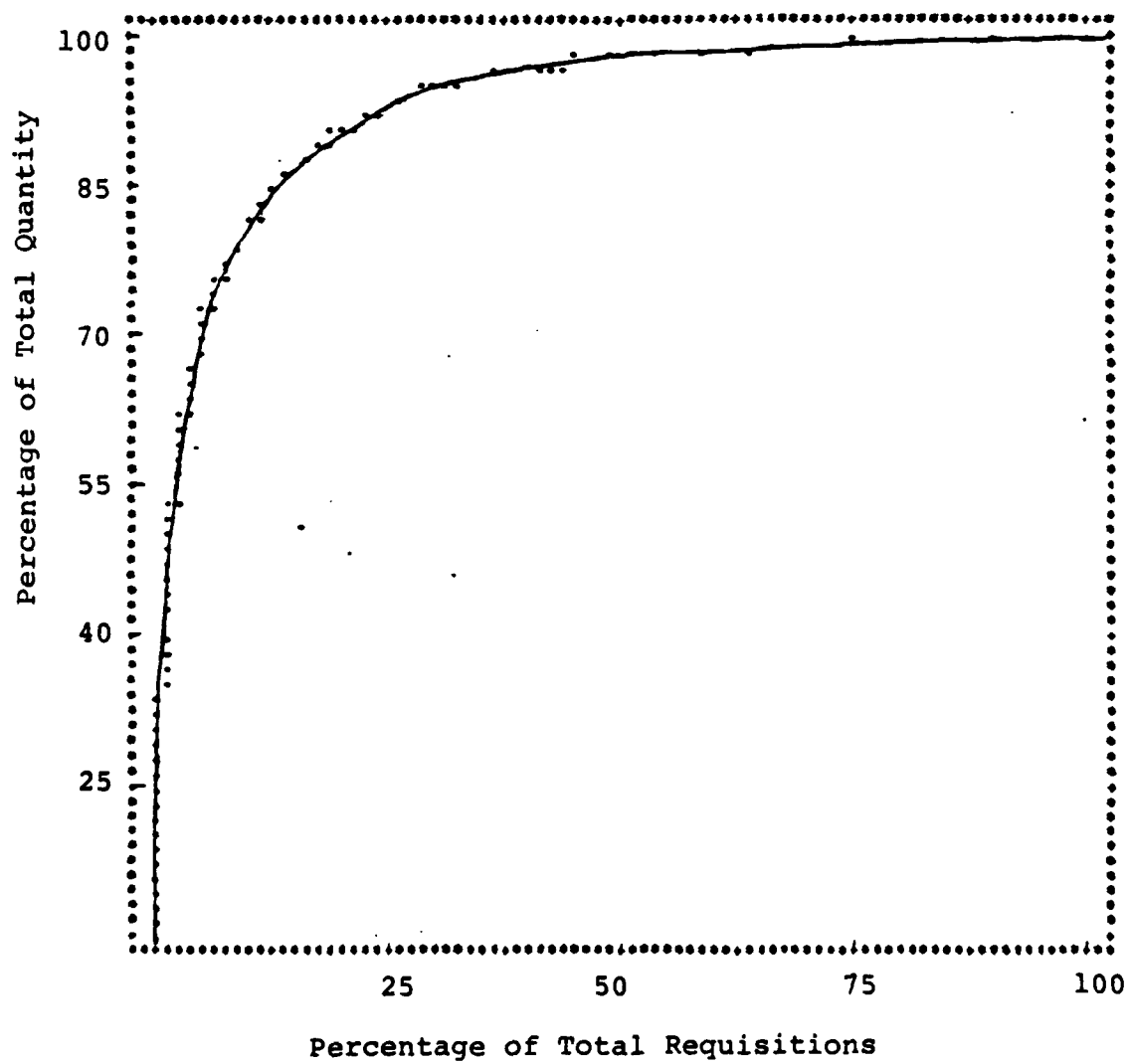
Appendix N contains data for material that represents 10.0% of the items demanded and accounts for over 50.0% of NSC Oakland's local cumulative business. This percentage of business selection from the ABC Analysis was arbitrary. It provides a more detailed examination of the items most frequently demanded by NSC Oakland's local customers. Data is presented in demand sequence in descending order within each activity's unit identification code (UIC). Items are displayed with their applicable COG, number of demands and cumulative priorities of requisitions submitted, average requisition quantity, unit of issue, net weight and net cubic volume (748 items had no weight and cubic volume data).

3. Local Customers

a. Analyzing strictly 'BA' status requisitions resulted in 172 activities being classified as NSC Oakland local customers. An activity was classified as a local

FIGURE 4

ABC Curve: Percentage of Total Business (by Quantity)
By Percentage of Total Number of Requisitions



customer if NSC Oakland made truck deliveries to that activity or the activity could pick up material directly. Local customers were geographically grouped together or clustered to simplify describing NSC Oakland's requisition channels and distribution systems. Table III-1 lists the activities grouped within each geographical cluster. Local customers with their Unit Identification Number (UIC), cluster number, number of 'BA' status requisitions submitted to NSC Oakland and percentage of total NSC Oakland business (BA status requisitions only) are presented in Appendix O. The data in this Appendix is listed in descending order of the amount of business the activity conducted with NSC Oakland.

NSC Oakland's top ten customers accounted for 60.0% of NSC Oakland's 'BA' status demand (requisition) business. The top 25 local customers were responsible for 80.9%, and are listed in Table III-2.

b. Appendix P provides listings of the highest demanded items by each of the top 25 activities in demand sequence in descending order. A complete listing of all customers has been provided to NSC Oakland. Activities are in the same sequence as that provided by Appendix O. The number of items presented varies per activity and is dependent upon the amount of business the activity conducted with NSC Oakland. The following table applies:

| <u>Number of Items Presented</u> | <u>Number of 'BA' Status Requisitions Processed by NSC Oakland</u> |
|--------------------------------------|--|
| 500 | Greater than 10,000 |
| 50 | Greater than 1,000 |

Additional information provided for each item is COG, UIC, number of 'BA' status demands processed for the item for the applicable activity, accumulated priorities of the requisitions submitted for the item, average requisition quantity, unit of issue, net weight and net cubic volume.

TABLE III - 1

Local Customers Served by NSC Oakland
Grouped by Geographic Cluster

| <u>Geographical Cluster</u> | <u>Activity</u> |
|---------------------------------|---|
| 1 | NSC Oakland PWC, San Francisco Military Sealift Command Pacific, Oakland Naval Biosciences Lab, NSC Oakland Naval Transportation Management School, Oakland Navy Commissary Store, Oakland |
| 2 | NARF, Alameda Naval Air Station Supply Department, NAS Alameda Fleet MAG, NAS Alameda Navy Exchange, NAS Alameda Naval Air Reserve Unit, NAS Alameda Marine Training Detachment, NAS Alameda VA 304, NAS Alameda VA 303, NAS Alameda VAQ 208, NAS Alameda VAQ 308, NAS Alameda Marine Air Reserve Training Detachment, NAS Alameda Navy Weather Facility, Alameda Navy Regional Data Center, NAS Alameda Fleet Logistics Support Squadron, VR 55, NAS Alameda |

Table III - 1 continued...

| <u>Geographical Cluster</u> | <u>Activity</u> |
|-----------------------------|--|
| 2 | Marine Barracks, NAS Alameda Navy Disease Vector, NAS Alameda CVN 65 CV 43 LKA 112 NRF DD 825 VR 3, NAS Alameda |
| 3 | Mare Island Naval Shipyard, Mare Island Naval Electronic System Engineering Center, Mare Island Combat System Technical School, Mare Island Special Boat Unit, Mare Island NAVSECGRU, Skaggs Island Naval Support Activity, Mare Island Navy Exchange, Mare Island N & MC Reserve Center, Mare Island AFB Exchange, Travis AFB Marine Barracks, Mare Island Coast Guard Station, Mare Island 84 OMS NC 39, Richmond Sub Development GR 1, San Diego SSN 575 SSN 592 SSN 594 SSN 595 SSBN 598 SSBN 599 SSBN 601 SSN 621 SSN 639 SSN 683 |
| 4 | Naval Weapons Station, Concord Marine Barracks, Concord 83 OMS NC 22, Benecia AFSFU, Concord |
| 5 | NAS Moffett Field Patrol Wings, NAS Moffett Field Navy Exchange, NAS Moffett Field Det Flt Av Sp Operation Training Group VP 91 DET 1, Moffett Field HS 85 Alameda VP 31, NAS Moffett Field NASA, Moffett Field |

Table III - 1 continued...

| <u>Geographical Cluster</u> | <u>Activity</u> |
|---------------------------------|---|
| 5 | VP 48 Naval Reserve Center, San Jose VP 50 VP 40 VP 47 VP 9 VP 19 Naval Weather Env Detachment, NAS Moffett Field VP 46 Navy Air Maint Tra Det, NAS Moffett Field Graphics, San Jose |
| 6. | COMSTA, Stockton Base Supply Officer Tracy, Tracy Army Auxilliary Support Facility, Stockton Boating Safety Team No. 12, Stockton |
| 7 | SUPSHIPS, Hunters Point, San Francisco Naval Support Activity, Treasure Island WHEC 725 Navy Technical Training Center, TI WHEC 723 Coast Guard Air Station, San Francisco WMEC 620, TI Coast Guard Station, TI COMSY, Presidio WHEC 722 Navy Recruiting District Office, San Francisco Navy Regional Dental Center, San Francisco WLB 390, YBI Navy Reserve Readiness, Region 20, San Francisco NAVFAC Eng Cmd, Western Div, San Bruno Naval Rec Center, TI Coast Guard Station, YBI Naval Plant Rep, Sunnyvale Ft Point, Presidio Naval Reserve Center, San Bruno Bethlehem Steel, San Francisco N R Mobile Construction Battalion 2, TI Nav Res Mine INS, TI NR Har Clearance Unit Det 220, NMCRC, SF NIS, TI |

Table III - continued...

| <u>Geographical Cluster</u> | <u>Activity</u> |
|---------------------------------|--|
| 7 | <p>Maintenance Tech Veh, Presidio Prop SFF, Presidio HQ, MCD, TI WPB 82360, TI WBB 82348, TI WPB 82369, YBI AMSA, Presidio Radar Station, TI Mobile Technical Unit 9, TI CLD Sales Store, Presidio Fiscal Offic, TI Coast Guard, TI Self Supply Store, Presidio FAC, Presidio FAC Eng Rep, Presidio 602 MP, Presidio FASFC, San Francisco MARDIV FMF, San Bruno Signal Corps, Presidio Regional Finance Serv Dep, TI Base Post Office, Presidio FF 1083 FF 1055 FF 1076</p> |
| 8 | <p>Navy Regional Medical Center, Oakland Global Associates, Oakland Coast Guard, Government Island, Alameda Navy Reserve Center, Alameda DPSC, Alameda NROTC, Berkeley MCRS, Alameda PROP Office MTMC, Oakland NAV Rec Center, Alameda</p> |
| 9 | <p>Other Professional ED, NPS, Monterey NPS, Monterey Fleet Weather, Monterey Env Pred Research Facility, Monterey Nav Res Center O, Pacific Grove Coast Guard Station, Monterey CG, Monterey Coast Guard, Monterey WPB 95310, Monterey Army STRAJ Command, Fort Ord Def Res Management Center, Monterey</p> |

Table III - 1 continued...

| <u>Geographical Cluster</u> | <u>Activity</u> |
|---------------------------------|-----------------|
| 10 | AR 7 |
| | AFS 3 |
| | AFS 1 |
| | AOR 5 |
| | AFS 7 |
| | AE 33 |
| | AE 22 |
| | AOR 3 |
| | AOR 1 |
| | AE 35 |
| | AE 32 |
| | AE 29 |
| | AE 26 |
| | AE 25 |
| | AE 24 |
| | MSO 439 |
| | MSO 489 |

TABLE III - 2

TOP LOCAL CUSTOMERS

| <u>UIC</u> | <u>NAME</u> | <u>NUMBER OF</u> <u>'BA' RE-</u> <u>QUISITIONS</u> | <u>PERCENT OF</u> <u>LOCAL 'BA'</u> <u>REQUISITIONS</u> |
|-------------|---------------------------------|--|---|
| N00221 | Mare Island Naval Shipyard | 41905 | 12.28 |
| N65885 | NARF Alameda | 26491 | 7.76 |
| N03365 | CVN-65 | 25448 | 7.46 |
| N00228 | NSC Oakland | 21525 | 6.31 |
| N00236 | Naval Air Station Alameda | 20863 | 6.11 |
| N08809 | AR-7 | 19119 | 5.60 |
| N00296 | Naval Air Station Moffett Field | 15905 | 4.66 |
| N05834 | AFS-3 | 12225 | 3.58 |
| N05831 | AFS-1 | 11650 | 3.41 |
| N03343 | CV-43 | 9697 | 2.84 |
| N20124 | AOR 5 | 6602 | 1.93 |
| R68250 | Fleet MAG, NAS Alameda | 5696 | 1.67 |
| R20054 | FF 1083 | 5546 | 1.62 |
| R20118 | AFS 7 | 5186 | 1.52 |
| N20114 | AE 33 | 5179 | 1.52 |
| N68378 | PWC, San Francisco | 4894 | 1.43 |
| N54050 | FF 1055 | 4848 | 1.42 |
| N08822 | AE 22 | 4684 | 1.37 |
| R20122 | AOR 3 | 4594 | 1.35 |
| R05849 | AOR 1 | 4436 | 1.30 |
| R55522 | Sub Development GR1, San Diego | 4088 | 1.20 |
| R20245 | AE 35 | 4050 | 1.19 |
| R20113 | AE 32 | 3866 | 1.13 |
| N05127 | SSN 621 | 3841 | 1.13 |
| R20112 | AE 29 | 3778 | 1.11 |
| TOTALS..... | | 276116 | 80.80 |

4. Calendar Summary of Demand, Net Weight and Net Cubic Volume Data

The data described below provides useful information on the magnitude of local customer material movements. It should be noted that only demands with 'BA' supply status are considered and data tabulations are based on document date and not delivery date.

Appendix Q presents a monthly tabulation of demands by day of the week for the top 25 activities (representing all activities with 1.0% or more of NSC Oakland's total business) receiving local deliveries during the period September 1977 through August 1978. A complete listing for all 172 local customers has been provided to NSC Oakland. Demand yearly totals are also listed. Nine activities experienced more than 10,000 demands and accounted for 57.2% of the total local customer demand. Also, 53 activities experienced more than 1,000 demands and accounted for 94.8% of the total local demand. Only 95 of the 172 local customers identified had more than 100 demands for the year.

Appendix Q also presents a COG summary of each activity across the bottom of the table described above. The summary list each COG and the frequency of its occurrence. Further analysis of activity COG data is contained in part B, paragraph 5 of this chapter.

Net weight and net cubic volume tabulations presented in Appendices R and S were tabulated in a similar

manner as the demand tabulations described above. Weight and cubic volume information was available for 83.3% of the total local customer demand.

As discussed in Chapter III, part B, paragraph 3, some inaccuracies in weight and cubic volume were observed. The same measures were employed here to reduce the impact of inaccurate data. Demands with a quantity of 100 or more and a net weight of 100 pounds or more were not considered. Also demands with a quantity of 100 or more and a net cubic volume of 25 cubic feet or more were not considered. Net weight and net cubic volume tabulations for all 172 local customers were also provided to NSC Oakland.

5. COG Summary

Data listings of COGs for each local customer are found in Appendix Q. Since the COG defines in general terms the type of material, an analysis of the COG of the material ordered was conducted to further define NSC Oakland's customer's demand profile. Thirty-six COGs were found to have been cited on at least 100 requisitions submitted by the local customers. For each of the local customer clusters (see Table III-1) and eleven of the top local customers (from Table III-2) a COG analysis is found in Appendix T. Table III-3 summarizes these results.

Appendix T provides the following data:

- a. Total requisitions by COG
- b. Total issues by COG

TABLE III - 3

MATERIAL COGNIZANCE SUMMARY
FOR ALL LOCAL CUSTOMERS

- a. Total COGs.....36
- b. Total Navy Stock Account (NSA).....25
- c. Total Appropriations Purchase Account (APA).....10
- d. Total others..... 1
- e. Top COGs ordered (descending order)

| <u>COG</u> | <u>REQUISITIONS</u> |
|------------|---------------------|
| 9Z | 156,784 |
| 9N | 141,685 |
| 9Q | 72,015 |
| 9G | 68,875 |
| 9C | 64,221 |

- f. Top COGs issued (descending order)

| <u>COG</u> | <u>REQUISITIONS</u> |
|------------|---------------------|
| 9Z | 78,732 |
| 9N | 70,379 |
| 9Q | 47,188 |
| 9G | 40,341 |
| 9C | 34,712 |

- g. Percentage by Stores Account

| | <u>TOTAL</u> | <u>ISSUES</u> |
|-------|--------------|---------------|
| NSA | 98.06 | 98.83 |
| APA | 01.57 | 01.17 |
| OTHER | 00.37 | 00.00 |

- h. Gross Effectiveness

- 1. Major DLA/FMSO managed COGs.....52.2%
- 2. Major ASO managed COGs.....06.0%
- 3. WIMM COGs.....12.8%
- 4. APA COGs.....39.6%
- 5. NSA COGs.....53.5%
- 6. Total ALL COGs.....53.1%

c. Total requisitions by COG as a percentage of each activity's total requisitions and NSC local customer's total requisitions.

d. Total issues by COG as a percentage of each activity's total issues and NSC Oakland's local customer's total issues.

e. Gross effectiveness of NSC Oakland's support for each COG of each activity. This is only an approximation (as discussed in Chapter 2, Part B, paragraph 3). Unlike Appendix Q, for the COGs presented in Appendix T there is no differentiation between Defense Logistics Agency (DLA)/General Services Administration (GSA) equivalent COGs for like material.

6. Analysis of Requisition Priorities by Clusters

Requisition priorities for individual activities were provided to NSC Oakland. However, additional insight for transportation planning can be gained by analyzing the priorities and the requisition submission time for the local customer clusters. Data used in this analysis included all 'BA' status requisitions which were received at NSC at least one day and not greater than forty days after requisition preparation. These limits were set to eliminate outliers. Data can be found in Appendix U. A summary of annual business by cluster is shown in Table III-4.

a. Issue Priority Group (IPG) Analysis

Since the IPG determines the time standard for processing each requisition, the number of requisitions by

TABLE III - 4
LOCAL CUSTOMER CLUSTERS

| <u>CLUSTER</u> | <u>NUMBER OF TOTAL BA REQUIREMENTS</u> | <u>PERCENTAGE OF TOTAL LOCAL BA REQUISITIONS</u> |
|----------------|--|--|
| 1 | 29414 | 8.6169 |
| 2 | 95722 | 28.0419 |
| 3 | 66212 | 19.3969 |
| 4 | 2701 | 0.7913 |
| 5 | 20243 | 5.9302 |
| 6 | 2125 | 0.6225 |
| 7 | 24810 | 7.2681 |
| 8 | 4003 | 1.1727 |
| 9 | 1065 | 0.3120 |
| 10 | 95058 | 27.8474 |
| TOTAL | 341353 | 100.0 |

IPG and the cluster submitting them are important baseline data elements. The number of requisitions in each IPG for each cluster are compared in Table U-1. Additionally, the percentage of each IPG ordered by each cluster was determined and is shown in Table U-2. For example, Cluster 5 had the highest percentage of its total requisitions citing IPG-1. Cluster 5 includes NAS Moffett Field and its tenant squadrons. IPG-1 referrals comprise 23.3% (see Table U-1) of the total referrals submitted by Cluster 5 activities to NSC Oakland. On the other hand, Cluster 2 had the greatest percentage of the total IPG-1 requisitions submitted by all local customers. Cluster 2 includes NARF Alameda, NAS Alameda and its tenant squadrons and two aircraft carriers. This cluster ordered 43.6% (see Table U-2) of all the IPG-1 requisitions submitted to NSC Oakland. Clearly the impact of an increased aviation support role for IPG-1 will have significant effect on NSC Oakland operations.

b. Requisition Submission Times

The average requisition times, weighted for the number of requisitions in each requisition priority, were also calculated. Weighting was achieved by multiplying the number of requisitions for each requisition priority times the average submission time for each requisition priority. This result for each requisition priority was added to the results of the other priorities in each IPG and divided by the total number of requisitions in each IPG. The

resulting total average submission times were 4.7, 6.4 and 7.2 days for IPG-I, II and III respectively. Baseline data is provided in Table U-3.

7. Analysis of Requisitions Received and Shipped

To provide data for workload and distribution system planning, 'BA' status requisitions were analyzed to determine the daily and monthly patterns by which requisitions were prepared at the originating activity, received at NSC Oakland and shipped by NSC Oakland. Data summarized for all local customers and displayed for ten of the top local customers PWC and each cluster is presented in Appendix V. This analysis is summarized as follows for all local customers:

a. Requisitions Prepared Daily (Table V-1)

Workload peaked rapidly on Tuesdays (19.4%) and declined steadily to 14.8% on Fridays. During the weekend 12.6% of the requisitions were prepared.

b. Requisitions Prepared Monthly (Table V-2)

In general, the quantity of requisitions prepared were essentially evenly distributed throughout the period. This was largely due to Type Commander requirements for each activity to maintain a steady obligation rate for its financial resources. The rush to obligate funds at the end of the fiscal year appears to have resulted in September having the third highest number of requisitions prepared (9.4%).

c. Requisitions Received at NSC Daily (Table V-1)

Workload peaked rapidly on Tuesdays (21.1%) and declined slowly to 15.6% on Fridays. During the weekend 11.6% of the requisitions were received.

d. Requisitions Received at NSC Monthly (Table V-2)

Essentially the same pattern appeared as was described in subparagraph b. above. It was noted that only 66.5% of the requisitions prepared in September were apparently received by NSC Oakland during that month. This could have a considerable impact on the management of the customer's financial resources, since requisitions from shore activities would not be obligated until the new fiscal year (e.g. after receipt and issue).

e. Requisitions shipped by NSC Daily (Table V-1)

Not unexpectedly 61.1% of the requisitions were shipped between Tuesday and Thursday. Shipments on the weekend accounted for 5.4% of the total requisitions shipped.

f. Requisitions Shipped by NSC Monthly (Table V-2)

The pattern previously established for the monthly analysis of requisitions prepared was again applicable.

IV. NSC OAKLAND LOCAL CUSTOMER REQUISITION PROCESSING

A. LOCAL CUSTOMER CATEGORIZED

NSC Oakland's local customers range from large industrial activities such as NARF Alameda to small offices with only a few employees. Therefore, the amount of support provided by NSC Oakland varies tremendously with the size, supply function and requisition processing procedures used by each local customer. Useful information can be obtained through analysis of NSC Oakland's local customers, categorized by service and by classification of material carried in stock. Further information can be gained by discussing general requisitioning procedures used by the major customer categories.

1. Local Customers Categorized by Service

NSC Oakland's local customers have been categorized by military service as follows:

| <u>SERVICE</u> | <u>NUMBER OF ACTIVITIES</u> | <u>PERCENTAGE OF LOCAL BUSINESS</u> |
|----------------|---------------------------------|---|
| Navy | 111 | 98.1489 |
| Coast Guard | 22 | 1.1870 |
| DOD/Other | 7 | 0.2834 |
| Army | 24 | 0.2030 |
| Marine Corps | 9 | 0.1682 |
| Air Force | 1 | 0.0095 |
| TOTAL | 174 | 100.0000 |

a. Navy Activities

The one hundred-eleven Navy activities are comprised of surface, sub-surface and aviation fleet units as well as elements of the short establishment. A breakdown of these units is as follows:

| | <u>NUMBER OF ACTIVITIES</u> | <u>PERCENTAGE OF LOCAL BUSINESS</u> |
|--------------|---------------------------------|---|
| Ashore | 60 | 54.1455 |
| Ships* | 24 | 41.9897 |
| Squadrons | 16 | 00.6393 |
| Submarines** | 11 | 00.3744 |
| TOTAL | 111 | 98.1489 |

* Includes one CVA and one CVN

** Undergoing overhaul at Mare Island Naval Shipyard

b. Coast Guard Activities

The twenty-two Coast Guard activities consist of ten vessels and twelve shore units located in San Francisco, various areas of the Bay Area such as Treasure Island and Mare Island and outlying areas such as Stockton and Monterey.

c. DOD/Other Activities

In this category are included other DOD, other government agency and commercial activities. The other DOD activities are the Defense Personnel Support Center (DPSC), Alameda and the DLA Supply Depot, Tracy.

d. Army Activities

All but five of the twenty-four Army activities are located on the Presidio, San Francisco. The remaining are outlying activities in Stockton and the Monterey area.

e. Marine Corps Activities

The nine Marine Corps activities consist of three Marine Barracks at the major local Naval installations, two reserve activities and various district offices. Four of these activities are located in Alameda while two are located at Treasure Island. There are no Marine Corps activities located in outlying areas.

f. Air Force Activity

The sole customer was the Base Exchange at Travis Air Force Base.

2. Local Customers Categorized by Level of Material Inventory

In DOD there are two types of inventory - wholesale and retail. Retail stocks consist of two levels of inventory - intermediate and consumer. The three levels of inventory can be defined as follows: [6:28-30]

Wholesale- "Inventories over which an inventory manager at the national level has asset knowledge and exercises unrestricted asset control to meet worldwide inventory management responsibilities, regardless of funding source."

Consumer- "An inventory, usually of limited range and depth, held only by the final element in an established supply distribution system for the sole purpose of internal consumption."

Intermediate- "An inventory between the wholesale and consumer levels, regardless of funding source."

Essentially, an inventory of limited range and depth, managed locally and held by an element in an established supply distribution system for consumption internally and by local consumer level activities.

Stockage at the two retail levels is predicated upon range and depth determinations based on established allowances, recurring requirements derived from actual previously recorded demands, and specifically identified planned requirements. While non-DOD customers do not necessarily conform to these definitions, they are accurately categorized as having consumer level stocks.

With these definitions, NSC Oakland's local customers can be classified. The UICs of activities with wholesale and intermediate stocks are listed in Table IV-1 and IV-2, respectively according to their percentage of NSC Oakland's local business. The number of activities for each level are summarized in Table IV-3. Since DPSC, Alameda only supplies fresh provisions, it was not included as a wholesale activity but rather as a consumer level activity.

It should also be noted that each activity may have all lower levels of inventory below that for which it was categorized. For example, NSC Oakland has wholesale level inventory, intermediate level inventory to support demand based requirements for its customers and consumer level inventories at the division level to support functions such as shipping.

B. LOCAL CUSTOMER STOCKING POLICY

As can be seen from Tables IV-1 and IV-2 the amount of business conducted with NSC Oakland is not determined solely by the level of inventory held by each activity. Additional insight can be gained by considering the activity's stocking policy. In view of the limited business transacted by the other services, only Navy and Coast Guard activities will be discussed.

1. Navy Activities

Navy activities stock material based on rules contained in a myriad of publications and instructions promulgated by the CNO, NAVSUP and Fleet and Type Commanders. In this way, activities are given the general rules which govern the range and depth of the stock they carry.

At activities with wholesale inventories, the range and depth of material carried is based on the decisions of the inventory manager. The Navy's two inventory control points (ICP), the Aviation Supply Office (ASO) and the Ships Parts Control Center (SPCC), provide inventory management at the national level. Activity inventory levels are based on a "fair share" of the total stocking requirements. Wholesale material is distributed to NSC Oakland and its local customers by the ICP inventory manager rather than being requisitioned by the individual activity.

The intermediate level inventory stocking policy is dependent on whether the activity is ashore or afloat,

TABLE IV - 1
LOCAL CUSTOMERS HAVING
WHOLESALE LEVELS OF INVENTORY

| <u>SERVICE</u> | <u>UIC</u> | <u>PERCENTAGE OF LOCAL BUSINESS</u> |
|------------------|------------|---|
| Navy | N00221 | 12.2632 |
| | N00236 | 06.6867 |
| | N00228 | 05.4174 |
| | N60036 | 00.3706 |
| Navy Total..... | | 24.7379 |
| DOD | SB3200 | 00.0365 |
| DOD TOTAL..... | | 00.0365 |
| GRAND TOTAL..... | | 24.7744 |

TABLE IV - 2

LOCAL CUSTOMERS HAVING
INTERMEDIATE LEVELS OF INVENTORY

| <u>SOURCE</u> | <u>UIC</u> | <u>PERCENTAGE OF LOCAL BUSINESS</u> |
|---------------|------------|---|
| Navy | N65885 | 11.4532 |
| | N03365 | 10.2537 |
| | N08809 | 5.5603 |
| | N00296 | 5.1292 |
| | N05834 | 3.0201 |
| | N05831 | 2.8399 |
| | N03343 | 2.7051 |
| | N20124 | 1.6746 |
| | N20118 | 1.3571 |
| | N20114 | 1.3304 |
| | N68378 | 1.2214 |
| | N08822 | 1.1843 |
| | N20122 | 1.1585 |
| | N05849 | 1.0835 |
| | N20245 | 1.0582 |
| | N20113 | 0.9631 |
| | N20112 | 0.8814 |
| | N05838 | 0.6647 |
| | N08392 | 0.6629 |
| | N08301 | 0.4717 |
| Navy TOTAL | | 54.6743 |
| Army | W62N7E | 0.0019 |
| GRAND TOTAL | | 54.6752 |

TABLE IV - 3
SUMMARY OF INVENTORY LEVELS
CATEGORIZED BY SERVICES

| <u>WHOLESALE</u> | <u>NUMBER OF ACTIVITIES</u> | <u>PERCENTAGE OF LOCAL BUSINESS</u> |
|-------------------------|---------------------------------|---|
| Navy | 4 | 24.7379 |
| DOD | 1 | 00.0365 |
| TOTAL | 5 | 24.7744 |
| <u>INTERMEDIATE</u> | | |
| Navy | 20 | 54.6743 |
| Army | 1 | 00.0019 |
| TOTAL | 21 | 54.6762 |
| <u>CONSUMER</u> | | |
| Navy | 87 | 18.7377 |
| Army | 23 | 00.2011 |
| Coast Guard | 22 | 01.1870 |
| Marine Corps | 9 | 00.1682 |
| DOD/Other | 6 | 00.2469 |
| Air Force | 1 | 00.0095 |
| TOTAL | 148 | 20.5504 |

whether or not the material is supported by previously recorded recurring demands and whether the material is part of Navy managed stocks or retail stocks (Navy-owned DLA COG material). The depth of material carried in the inventory can be based on the Variable Operating and Safety Levels (VOSL) Program, a months-of-supply-policy or an allowance negotiated with the ICP inventory manager. At ashore activities such as NAS Alameda and NAS Moffett Field, stock in main supply includes retail stocks managed under the VOSL Program as well as a fixed allowance of aviation material assigned by ASO. In addition, these activities also operate Servemarts, and sometimes RSSs, which are based on the months-of-supply policy.

Activities afloat and ashore manage their intermediate level stocks either manually or by computer. The computer system ashore is called the Uniform Automated Data Processing System for Stock Points (UADPS-SP). At sea, the Shipboard Uniform Automated Data Processing System (SUADPS) has two versions. The first version is termed SUADPS-End Use (EU) since the material stocked is financed by Operations and Maintenance, Navy funds. For the second, SUADPS-207, material stocked is financed by the revolving Navy Stock Fund. Manual processing activities use the rules based on the months-of-supply policy while UADPS-SP and SUADPS-207/EU may use a combination of months-of-supply and more sophisticated programs such as VOSL. While detailed information for UADPS/SUADPS systems is beyond the scope of this

research effort, general range and depth rules for intermediate levels of inventories can be found in Appendix W (Tables W-1 and W-5).

Bay Area local customers are summarized as follows:

| | <u>UADPS-SP</u> | <u>MANUAL</u> | |
|--------|------------------|-------------------|---------------|
| Ashore | 3 | 2 | |
| | <u>SUADPS-EU</u> | <u>SUADPS-207</u> | <u>MANUAL</u> |
| Afloat | 2 | 4 | 9 |

The UICs of these Navy activities are listed in Table IV-4.

Consumer level inventories exist both ashore and afloat. As previously stated, it is likely that activities with higher levels of inventory will also have consumer level stocks. Ashore these inventories conform to the rules described in Appendix W (Tables W-1, W-2, W-3). A major exception is the Direct Material Inventory or project stock which has been accumulated, allocated and charged to specific projects, work or job orders at industrial activities such as NARF Alameda, Mare Island Naval Shipyard and the Public Works Center, San Francisco. Consumer level inventories afloat do not employ SUADPS. General rules for range and depth for afloat consumer level of inventories can also be found in Appendix W (Tables W-1, W-4, W-5).

At all levels of inventory, the applicable stocking policy is aimed at minimizing the total cost of maintaining the inventory. These rules take into account financial, workload and storage constraints. However, the mere

TABLE IV - 4
LOCAL CUSTOMERS CATEGORIZED
BY INVENTORY SYSTEM

| | | | |
|--------|------------------|------------------|---------------|
| ASHORE | <u>UADPS-SP</u> | <u>MANUAL</u> | |
| | N00228 | N65885 | |
| | N00236 | N68378 | |
| | N00296 | | |
| AFLOAT | <u>SUADPS-EU</u> | <u>SUAPS-207</u> | <u>MANUAL</u> |
| | N03365 | N08809 | N20124 |
| | N03343 | N05834 | N20114 |
| | | N05831 | N08822 |
| | | N20118 | N20122 |
| | | | N05849 |
| | | | N20245 |
| | | | N20113 |
| | | | N20112 |
| | | | N05838 |
| | | | N08392 |
| | | | N08301 |

existence of such rules does not ensure compliance. Activities with small consumer level inventories and supply functions not supervised by Supply Corps Officers would seem to be the ones most susceptible to poor material management.

2. Coast Guard (CG) Activities

There are no rules established by the Coast Guard governing range and depth for a demand based inventory. Each Coast Guard activity is provided an allowance list prepared as part of the Consolidated Allowance List and Management System (CALMS). The CALMS allowance list, developed by the various supply inventory control points, provides authority to stock material in support of installed equipment and activity operations.

There are three supply inventory control points which provide wholesale material to CG activities. The Coast Guard Yard at Baltimore, Maryland manages peculiar CG material in support of CG vessels including small boats. Management of aviation material is provided by the Aircraft Repair and Supply Center at Elizabeth City, North Carolina. Peculiar CG office products such as forms are managed by the Coast Guard Supply Center at Brooklyn, New York. Material requirements for commonly used material are satisfied by using available Navy supply sources such as NSC Oakland or through local procurement.

C. REQUISITIONING PROCEDURES AND CHANNELS

General procedural guidelines and specific requisitioning channels are also provided by instructions and publications. For reason previously stated, only Navy and Coast Guard activities will be discussed.

1. Navy Surface Ships

Surface combatants requisition two types of material. The first is material for stock. Initial stocking and replenishment should conform to the rules found in Appendix W (Tables W-4 and W-5). The second is direct turn-over material (DTO). A DTO requisition is submitted when the required material is either not in stock (NIS) or not carried in stock (NC).

Internally, the ship's departments prepare a NAVSUP Form 1250-1 for each item desired. After obtaining a departmental authorizing signature, the NAVSUP Form 1250-1 is submitted to the Supply Department. At the supply storeroom, a storekeeper will check the availability of the material requested using the manual afloat stock record cards. If the material is available, it is issued and the on hand balance on the afloat stock record card decremented. If the on hand balance is at or below the low limit, the Supply Office is notified of the need to replenish. If the material is not available, the NAVSUP Form 1250-1 is stamped "NC" or "NIS" and forwarded to the Supply Office.

At the Supply Office, DD Form 1348 requisitions are prepared for both replenishment and DTO material requirements. Several factors affect when the requisition is prepared. These factors include manpower considerations, the ship's operating schedule and the requisition's priority which is determined by the UMMIPS. Once prepared, the requisitions are either mailed or dropped off at the NSC. At sea, requisitions may be held until the ship returns to port, mailed, or if for emergency requirements, transmitted by Naval message.

As was mentioned above, demand is recorded on the afloat stock record cards for items carried in stock. For not carried items, a copy of the NAVSUP Form 1250-1 is retained in a Not Carried Demand File. Generally, every six months new high and low limits are established for stocked material and the Not Carried Demand File is reviewed for new items qualifying for stock.

The requested quantities are screened several times to preclude ordering excess materials. At a minimum, potential excess quantities are screened by the departmental authorizing agent and the issuing storekeeper. Additionally for material being requisitioned, potential excess quantities are screened by the storekeeper preparing the DD Form 1348 and the Supply Officer when he adds his authorizing signature.

Although the foregoing description is predominantly for a manual afloat supply operation, a ship using either version of SUADPS follows essentially the same procedures. Supply transactions are post-posted (e.g. posted to the computer records after the issue has been made). Requisition processing, demand recording and levels setting are mechanized. However, there are two exceptions. The first is for intermediate level stocks onboard SUADPS-207 ships. In this case and in that of non-mechanized ships carrying intermediate level stocks, the basic document is a DD Form 1348 from an external consumer (there is no difference for their consumer level stocks).

The second exception is associated with SUADPS-EU ships. For the two aircraft carriers supported by NSC Oakland, the basic input document to the intermediate level aviation stocks is a local form. Requisition processing in support of aviation squadrons onboard an aircraft carrier closely parallels that for squadrons when located ashore. A discussion of requisition processing for aviation squadrons at a NAS is found below in sub-paragraph 3 of this section. Requisitioning procedures for support of an aircraft carrier's shipboard operations is essentially as described above.

2. Navy Submarines

The submarines supported by NSC Oakland are undergoing overhaul at the Mare Island Naval Shipyard (NSY).

During overhaul, major work is performed by shipyard personnel while smaller jobs are performed by the submarine's crew. Material required for NSY performed jobs are requisitioned in accordance with the NSY's requisitioning procedures. Requisitions for these material requirements are ordered utilizing the Mare Island NSY UIC.

The material required for ship's force work is requisitioned by the submarine. The internal requisition processing onboard Navy submarines is identical to that described for surface ships. Attack submarines submit requisitions for support of daily operations and ship's force overhaul material requirements directly to NSC Oakland. Fleet Ballistic Missile submarines submit their requirements to the Polaris Material Office, Pacific Fleet (PAMOPAC). PAMOPAC then transmits these requisitions to NSC Oakland by AUTODIN.

3. Naval Aviation Squadrons

There are two types of requisitions used by a squadron. The first is for material to support squadron operations. The material ordered can vary from office supplies to flight clothing. The second is for consumable and repairable material to support aviation maintenance. The requisitioning procedures are different in each case so they will be described separately.

a. Support of Squadron Operations

In the squadron organization, the supply functions are performed by the Material Control Workcenter, a part of the Maintenance Department. There is no standard procedure for departments within a squadron to communicate their material requirements to Material Control. Typically, the Material Control Officer (usually a junior aviator, warrant officer or junior limited duty officer) will designate the procedure. Usually an existing form intended for another purpose is used to allow the requirements to be communicated in writing. Verbal requests are limited to urgent requirements. Regardless of the method used, once the needs are known, a storekeeper will prepare a DD Form 1348. The DD Form 1348 is then sent or delivered to the NAS for processing.

b. Support of Aviation Maintenance

Procedures for support of aviation maintenance at both the squadron and the NAS are established by the Naval Aviation Maintenance Program (NAMP). For each maintenance action, a job control number (JCN) is assigned and a maintenance action form (MAF) is prepared.

The multi-copy MAF is the basic maintenance document. It is used to schedule, control and document the maintenance actions taken, man-hours utilized and the material required. If a material requirement exists, the MAF is the document which communicates the need to Material Control.

Using a device such as a teletype or a teleautowriter, a formatted material request is transmitted by a squadron storekeeper to the Supply Response Section (SRS) within the Aviation Support Division (ASD) of the Supply Department. An unusual aspect is that the squadron is not required to provide the NSN of the material but rather only the part number and manufacturer's code. As a consequence, a technical identification function is needed and is centralized at the ASD where it can be performed more thoroughly.

After receipt of the formatted material request and completion of the technical identification process, a UADPS-SP formatted requisition is keypunched and processed. The NAMP requires that the material be delivered or if not available, requisition status be provided to the squadron within one, two or twenty-four hours for IPG I, II or III requisition respectively.

Additionally two other sources of material are available to satisfy the squadrons requirement. One is the rotatable pool. This is a manually managed pool of repairable material. The range and depth of material in the pool is dependent on the average monthly number of repairs and the repair turnaround time for each item. For pool issues, the teletyped or formatted material request is the issuing document. After issue, a UADPS-SP formatted requisition is processed using the issuing document number. The second source is the pre-expended bin (PEB). The PEB is an

inventory of low cost, fast moving, consumable material. Normally, it is limited to items having a unit cost of \$25.00 or less and a quantity equal to thirty days demand. Since this material is purchased by the Supply Department, thus pre-expended, a requisition or formatted material request is not required. Replenishment action is periodically taken by the Supply Department. Use of PEB material is documented on the MAF, however.

4. Industrial Activities

The Navy Industrial Fund (NIF) is a revolving fund which provides industrial activities the capital required to support labor, material and overhead expended in performing reimbursable work. The NIF is maintained by customer reimbursement of the direct and indirect costs allocated to the work performed. A brief discussion of the requisitioning/material requirements process is provided for the three industrial activities supported by NSC Oakland.

a. NARF Alameda

Since consolidation on 1 October 1979, considerable effort has been expended by NARF Alameda and NSC Oakland planning personnel to plan and implement several major changes affecting NARF requisition processing. Being implemented are the Naval Industrial Material Management System (NIMMS), a Disk Oriented Supply System (DOSS) developed by FMSO and the Direct Material Inventory (DMI) Concept. Consequently, pre-consolidation requisitioning procedures

have been thoroughly reviewed and significantly changed. Therefore, little remains pertinent about pre-consolidation processing. [1:34] Nevertheless, some general comments should be made.

Material requirements forecasts are made by Material Planners based on a projected productions schedule. Material Planners are assigned to a particular production program such as engines, aircraft and component repair. In determining the expected demand, item essentiality and a percent replacement factor are important considerations. With the forecasted demand, Material Planners can requisition material from NAS Alameda for end use or one of NARF Alameda's internal supply sources. These two sources are PEBs and the NIF Store. The NIF Store is an inventory of NSA and DLA COG material under the physical and financial control of NARF Alameda.

A more detailed description of NARF Alameda material support procedures can be found in reference (4). Further, the effect of material shortages on production at NARF Alameda is described in reference (3).

b. Public Works Center (PWC), San Francisco

PWC intermediate level stocks are found in the shop stores. The types of material carried in shop stores include facilities maintenance and minor construction materials, and repair parts for installed property. The Naval Facilities Engineering Command requires shop store

inventories to turn over at least four times per year. As a result, stock levels are automatically recomputed every thirty days. Replenishment requisitions are automatically generated for stocked items. Both standard and nonstandard material are stocked. The mechanized inventory is maintained on a line item basis. Stock receipts are posted to the records immediately while issues are posted the following day. Issues are made to support emergency jobs orders, the Direct Material Inventory (to support specific future routine projects), bench stock, and PEB. The Material Department makes all issues to maintenance personnel through the use of a Material Service Request/Material Requirements Issue Document. The basis of the material requirements determination process is a Bill of Materials prepared for specific jobs or projects by production planners.

In general, nonstandard material obtained through local purchase accounts for two-thirds of the material required to support civil engineering. [3:175] Therefore, NSC Oakland support is limited to replenishment of shop stores inventory of standard stock and local procurement action when the nonstandard material requirements cost exceeds the PWC local purchase authority.

c. Mare Island Naval Shipyard (NSY)

Mare Island NSY is the third NIF activity supported by NSC Oakland. Not unlike NARF and PWC, material support is provided by shop stores and pre-expended bins.

This material is managed as part of the NSY management information system. Also managed is the Direct Material Inventory (DMI). The DMI stages material to support specific depot and intermediate repair projects. This function is more significant at Mare Island NSY than at PWC because of the tremendous complexity associated with projects such as submarine overhauls. A typical submarine overhaul may take seventeen months or more with as many as seven overhauls commencing in a single year. Initial planning begins at least a year before the scheduled overhaul. As the work packages are prepared, long lead time material is ordered. Since the development of the work packages for an overhaul is an iterative process, so are the material requirements determinations and requisitioning procedures. As the material required for the overhaul is received at Mare Island NSY, it is held in the DMI until required during the overhaul.

There is one aspect of NSC Oakland material support provided to Mare Island NSY which is worthy of special mention. NSC Oakland stocks nuclear safe material used by Mare Island NSY. Nuclear safe material consists of such items as pipe, rod, tubing and bar stock used in support of nuclear powered submarines. Special handling requirements result in this material being stored separately. Additionally, prior to issuance this material must undergo testing to ensure it still meets nuclear safe specifications.

Although this special handling increases the picking and packing time for this material, it is acceptable because of the extra measure of safety it provides.

5. Coast Guard (CG) Activities

Management of material requirements at CG activities usually begins with a quarterly budget meeting at which the Commanding Officer allocates funds to the various departments to support the activity's operations during the next quarter. At this time, departmental material requirements are discussed. Material requirements are requisitioned using the Standard Form 344 (SF344), Multi Standard Requisition/Issue System Document, available from GSA. After Commanding Officer approval, the SF 344 is mailed or delivered to the 12th Coast Guard District Headquarters. There the SF344 is converted to a mechanized DD Form 1348 requisition and is sent by AUTODIN to NSC Oakland for processing.

If the material required is for support of equipment common to the Navy and the CG, it is also requisitioned from NSC Oakland. However, the requisition must be processed through the appropriate supply inventory control point. For example, to order a coxswain's chair for a small boat from NSC Oakland, it is first necessary to forward a SF344 to the Coast Guard Yard at Baltimore. From there, the requisition is referred to the Coast Guard Liaison Officer at NSC Oakland who inputs the requisition for processing.

6. Requisitioning Channels

Detailed requisitioning channels can be found in
Appendix X.

V. SUMMARY AND CONCLUSIONS

The decision to merge the wholesale support provided by NAS's into collocated NSC's was based on a recommendation in the DODMDS Study. The study determined that similar support operations were being performed by the NAS's and the NSC's in the Oakland, Norfolk and San Diego areas. It concluded that a reduction in duplicated efforts would bring about a reduction in the size of the work force requirements as well as a reduction in overall costs.

NAVSUP supported the DODMDS recommendation by directing that NAS Alameda and NSC Oakland be the prototype for the two follow-on wholesale consolidations. NAVSUP further specified that each consolidation would have as a primary objective improved fleet support.

Improvement inherently suggests measurability. A means of assessing either improvement or degradation must be developed. This thesis established a baseline of pre-consolidation data by extracting information from NSC Oakland's and NAS Alameda's Demand History Files. This data base was constrained to investigate only NSC Oakland locally supported customers and NARF Alameda (the largest customer of NAS Alameda). Specifically, the following information was assembled:

1. ABC Analysis for item requisition and quantity frequencies for both NSC Oakland and NARF Alameda

2. Analysis of NARF, NSC and NSC local customer business by cognizance symbol, number of demands, net weight and cubic volume and requisition quantities

3. Daily and monthly requisition movement patterns for the NSC and the NARF, and NARF's anticipated requisitioning impact on NSC

4. Requisitioning procedures for NSC Oakland local customers

This baseline data will serve as the reference point against which post-consolidation business comparisons can be made. Additionally, the data presented can be a source of information to assist in developing a local material distribution system, and for recommending material to be incorporated into both a RSS for NARF Alameda and the NISTARS. It provides a basis for identifying support problems and for investigating methods for improving support service. Finally, the two follow-on consolidations, at San Diego and Norfolk, can gain insight from this report in preparation for constructing their own baseline data.

Comparison of NSC Oakland and NARF Alameda data for the same time frames was not possible. The Demand History Files for NARF Alameda, obtained from the Navy Regional Data Automation Center (NARDAC) in San Francisco for the same period as that of NSC Oakland's, contained no data for April and May of 1978. Therefore, this data file was rejected and replaced by the calendar year 1979 data file which

unfortunately was also missing data for the months of
January, November and December.

APPENDIX A

NARF ALAMEDA ABC ANALYSIS BY NUMBER OF REQUISITIONS

| NUMBER REQNS | NUMBER NSNS | CUMULATIVE NUMBER NSNS | %CUMULATIVE NUMBER NSNS | CUMULATIVE NUMBER REQNS | %CUMULATIVE NUMBER REQNS | CUMULATIVE % TOTAL REQNS |
|-----------------|----------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|
| 168 | 1 | 1 | 0.12534 | 168 | 0.12534 | 0.12534 |
| 127 | 1 | 2 | 0.09475 | 335 | 0.09475 | 0.22009 |
| 122 | 1 | 3 | 0.06986 | 457 | 0.06986 | 0.28995 |
| 120 | 1 | 4 | 0.05492 | 577 | 0.05492 | 0.34487 |
| 108 | 1 | 5 | 0.04194 | 685 | 0.04194 | 0.38681 |
| 106 | 1 | 6 | 0.03988 | 791 | 0.03988 | 0.42669 |
| 94 | 1 | 7 | 0.03557 | 885 | 0.03557 | 0.46226 |
| 92 | 2 | 9 | 0.03273 | 1077 | 0.03273 | 0.49499 |
| 86 | 1 | 10 | 0.03093 | 1163 | 0.03093 | 0.52592 |
| 85 | 1 | 11 | 0.02924 | 1248 | 0.02924 | 0.55516 |
| 82 | 1 | 12 | 0.02762 | 1330 | 0.02762 | 0.58278 |
| 81 | 1 | 13 | 0.02607 | 1411 | 0.02607 | 0.60885 |
| 75 | 1 | 14 | 0.02459 | 1486 | 0.02459 | 0.63344 |
| 73 | 1 | 15 | 0.02317 | 1559 | 0.02317 | 0.65661 |
| 72 | 1 | 16 | 0.02181 | 1629 | 0.02181 | 0.67842 |
| 71 | 1 | 17 | 0.02050 | 1696 | 0.02050 | 0.69892 |
| 70 | 1 | 18 | 0.01924 | 1762 | 0.01924 | 0.71816 |
| 69 | 1 | 19 | 0.01803 | 1821 | 0.01803 | 0.73619 |
| 68 | 1 | 20 | 0.01686 | 1879 | 0.01686 | 0.75305 |
| 66 | 2 | 22 | 0.01573 | 2065 | 0.01573 | 0.76878 |
| 64 | 1 | 23 | 0.01464 | 2129 | 0.01464 | 0.78342 |
| 62 | 1 | 24 | 0.01358 | 2191 | 0.01358 | 0.79700 |
| 61 | 1 | 25 | 0.01255 | 2252 | 0.01255 | 0.80955 |
| 60 | 1 | 26 | 0.01155 | 2312 | 0.01155 | 0.82110 |
| 55 | 1 | 27 | 0.01058 | 2367 | 0.01058 | 0.83168 |
| 57 | 1 | 28 | 0.00964 | 2424 | 0.00964 | 0.84132 |
| 56 | 1 | 29 | 0.00872 | 2480 | 0.00872 | 0.85004 |
| 55 | 3 | 32 | 0.00783 | 2612 | 0.00783 | 0.85787 |
| 54 | 1 | 33 | 0.00696 | 2676 | 0.00696 | 0.86483 |
| 53 | 1 | 34 | 0.00612 | 2739 | 0.00612 | 0.87095 |
| 52 | 1 | 35 | 0.00530 | 2802 | 0.00530 | 0.87625 |
| 51 | 2 | 37 | 0.00450 | 2863 | 0.00450 | 0.88075 |
| 49 | 1 | 38 | 0.00372 | 2922 | 0.00372 | 0.88447 |
| 48 | 3 | 41 | 0.00297 | 3063 | 0.00297 | 0.88744 |
| 47 | 4 | 45 | 0.00225 | 3208 | 0.00225 | 0.88969 |
| 46 | 4 | 49 | 0.00156 | 3354 | 0.00156 | 0.89125 |
| 45 | 4 | 53 | 0.00091 | 3501 | 0.00091 | 0.89216 |
| 44 | 5 | 58 | 0.00044 | 3649 | 0.00044 | 0.89260 |
| 43 | 5 | 63 | 0.00018 | 3796 | 0.00018 | 0.89278 |
| 42 | 3 | 66 | 0.00007 | 3939 | 0.00007 | 0.89285 |
| 41 | 2 | 68 | 0.00003 | 4081 | 0.00003 | 0.89288 |
| 40 | 0 | 68 | 0.00003 | 4081 | 0.00003 | 0.89288 |
| 39 | 0 | 68 | 0.00003 | 4081 | 0.00003 | 0.89288 |
| 38 | 2 | 70 | 0.00001 | 4221 | 0.00001 | 0.89289 |
| 37 | 7 | 77 | 0.00000 | 4288 | 0.00000 | 0.89289 |
| 36 | 10 | 87 | 0.00000 | 4375 | 0.00000 | 0.89289 |
| 35 | 3 | 90 | 0.00000 | 4465 | 0.00000 | 0.89289 |
| 34 | 14 | 104 | 0.00000 | 4569 | 0.00000 | 0.89289 |
| 33 | 6 | 110 | 0.00000 | 4679 | 0.00000 | 0.89289 |
| 32 | 8 | 118 | 0.00000 | 4787 | 0.00000 | 0.89289 |
| 31 | 9 | 127 | 0.00000 | 4896 | 0.00000 | 0.89289 |
| 30 | 14 | 141 | 0.00000 | 5036 | 0.00000 | 0.89289 |
| 29 | 15 | 156 | 0.00000 | 5191 | 0.00000 | 0.89289 |
| 28 | 13 | 169 | 0.00000 | 5354 | 0.00000 | 0.89289 |
| 27 | 14 | 183 | 0.00000 | 5528 | 0.00000 | 0.89289 |
| 26 | 23 | 206 | 0.00000 | 5702 | 0.00000 | 0.89289 |
| 25 | 15 | 221 | 0.00000 | 5877 | 0.00000 | 0.89289 |
| 24 | 22 | 243 | 0.00000 | 6060 | 0.00000 | 0.89289 |
| 23 | 24 | 267 | 0.00000 | 6244 | 0.00000 | 0.89289 |
| 22 | 38 | 305 | 0.00000 | 6428 | 0.00000 | 0.89289 |
| 21 | 34 | 339 | 0.00000 | 6612 | 0.00000 | 0.89289 |
| 20 | 35 | 374 | 0.00000 | 6797 | 0.00000 | 0.89289 |
| 19 | 54 | 428 | 0.00000 | 6981 | 0.00000 | 0.89289 |
| 18 | 53 | 481 | 0.00000 | 7166 | 0.00000 | 0.89289 |
| 17 | 72 | 553 | 0.00000 | 7350 | 0.00000 | 0.89289 |
| 16 | 46 | 599 | 0.00000 | 7534 | 0.00000 | 0.89289 |
| 15 | 106 | 705 | 0.00000 | 7718 | 0.00000 | 0.89289 |
| 14 | 130 | 835 | 0.00000 | 7902 | 0.00000 | 0.89289 |
| 13 | 167 | 1002 | 0.00000 | 8086 | 0.00000 | 0.89289 |
| 12 | 181 | 1183 | 0.00000 | 8269 | 0.00000 | 0.89289 |
| 11 | 455 | 1638 | 0.00000 | 8453 | 0.00000 | 0.89289 |
| 10 | 325 | 1963 | 0.00000 | 8637 | 0.00000 | 0.89289 |
| 9 | 220 | 2183 | 0.00000 | 8821 | 0.00000 | 0.89289 |
| 8 | 583 | 2766 | 0.00000 | 9005 | 0.00000 | 0.89289 |
| 7 | 121 | 2887 | 0.00000 | 9189 | 0.00000 | 0.89289 |
| 6 | 1056 | 3943 | 0.00000 | 9373 | 0.00000 | 0.89289 |
| 5 | 1037 | 4980 | 0.00000 | 9557 | 0.00000 | 0.89289 |
| 4 | 535 | 5515 | 0.00000 | 9741 | 0.00000 | 0.89289 |
| 3 | 563 | 6078 | 0.00000 | 9925 | 0.00000 | 0.89289 |
| 2 | 563 | 6641 | 0.00000 | 10109 | 0.00000 | 0.89289 |
| 1 | 2211 | 8852 | 0.00000 | 12320 | 0.00000 | 0.89289 |

APPENDIX B

NARF ALAMEDA ABC ANALYSIS BY REQUISITION QUANTITY

| REQN QTY | NUMBER REQNS | CUMULATIVE NUMBER REQNS | % TOTAL CUMULATIVE REQNS | TOTAL REQNS QTY | % OF CUM TOTAL REQNS QTY | CUMULATIVE % TOTAL REQNS QTY |
|-------------|-----------------|-------------------------------|--------------------------------|--------------------|--------------------------------|------------------------------------|
| 5000 | 141 | 141 | 0.1000 | 141 | 0.1000 | 0.1000 |
| 4750 | 1 | 142 | 0.1000 | 142 | 0.1000 | 0.1000 |
| 4700 | 1 | 143 | 0.1000 | 143 | 0.1000 | 0.1000 |
| 4600 | 1 | 144 | 0.1000 | 144 | 0.1000 | 0.1000 |
| 4710 | 1 | 145 | 0.1000 | 145 | 0.1000 | 0.1000 |
| 4600 | 2 | 147 | 0.1000 | 147 | 0.1000 | 0.1000 |
| 4500 | 13 | 160 | 0.1000 | 160 | 0.1000 | 0.1000 |
| 4450 | 1 | 161 | 0.1000 | 161 | 0.1000 | 0.1000 |
| 4300 | 1 | 162 | 0.1000 | 162 | 0.1000 | 0.1000 |
| 4100 | 1 | 163 | 0.1000 | 163 | 0.1000 | 0.1000 |
| 4040 | 1 | 164 | 0.1000 | 164 | 0.1000 | 0.1000 |
| 4000 | 23 | 187 | 0.1000 | 187 | 0.1000 | 0.1000 |
| 3900 | 1 | 188 | 0.1000 | 188 | 0.1000 | 0.1000 |
| 3800 | 3 | 191 | 0.1000 | 191 | 0.1000 | 0.1000 |
| 3600 | 1 | 192 | 0.1000 | 192 | 0.1000 | 0.1000 |
| 3550 | 1 | 193 | 0.1000 | 193 | 0.1000 | 0.1000 |
| 3551 | 1 | 194 | 0.1000 | 194 | 0.1000 | 0.1000 |
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| 3300 | 1 | 198 | 0.1000 | 198 | 0.1000 | 0.1000 |
| 3200 | 12 | 210 | 0.1000 | 210 | 0.1000 | 0.1000 |
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| 2855 | 2 | 216 | 0.1000 | 216 | 0.1000 | 0.1000 |
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| 2800 | 1 | 218 | 0.1000 | 218 | 0.1000 | 0.1000 |
| 2794 | 1 | 219 | 0.1000 | 219 | 0.1000 | 0.1000 |
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| 2700 | 6 | 226 | 0.1000 | 226 | 0.1000 | 0.1000 |
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| 806 | 1 | 1246 | C.55732 | 2 | 2 | 0.0110 | 37.34472 |
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| 875 | 1 | 1315 | C.55663 | 2 | 2 | 0.0110 | 38.10648 |
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| 913 | 1 | 1353 | C.55625 | 2 | 2 | 0.0110 | 38.52600 |
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| 917 | 1 | 1357 | C.55621 | 2 | 2 | 0.0110 | 38.57016 |
| 918 | 1 | 1358 | C.55620 | 2 | 2 | 0.0110 | 38.58120 |
| 919 | 1 | 1359 | C.55619 | 2 | 2 | 0.0110 | 38.59224 |
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| 922 | 1 | 1362 | C.55616 | 2 | 2 | 0.0110 | 38.62536 |
| 923 | 1 | 1363 | C.55615 | 2 | 2 | 0.0110 | 38.63640 |
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| 926 | 1 | 1366 | C.55612 | 2 | 2 | 0.0110 | 38.66952 |
| 927 | 1 | 1367 | C.55611 | 2 | 2 | 0.0110 | 38.68056 |
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| 947 | 1 | 1387 | C.55591 | 2 | 2 | 0.0110 | 38.90136 |
| 948 | 1 | 1388 | C.55590 | 2 | 2 | 0.0110 | 38.91240 |
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| 950 | 1 | 1390 | C.55588 | 2 | 2 | 0.0110 | 38.93448 |
| 951 | 1 | 1391 | C.55587 | 2 | 2 | 0.0110 | 38.94552 |
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| 953 | 1 | 1393 | C.55585 | 2 | 2 | 0.0110 | 38.96760 |
| 954 | 1 | 1394 | C.55584 | 2 | 2 | 0.0110 | 38.97864 |
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| 253 | | 4906 | 4631 | 4032 | 0. | 56.55474 |
| 252 | | 4510 | 4630 | 4031 | 0. | 56.55473 |
| 251 | 217 | 4512 | 4629 | 4030 | 0. | 56.55472 |
| 250 | | 4724 | 4628 | 4029 | 0. | 56.55471 |
| 249 | | 4730 | 4627 | 4028 | 0. | 56.55470 |
| 248 | | 4731 | 4626 | 4027 | 0. | 56.55469 |
| 247 | | 4732 | 4625 | 4026 | 0. | 56.55468 |
| 246 | | 4733 | 4624 | 4025 | 0. | 56.55467 |
| 245 | | 4734 | 4623 | 4024 | 0. | 56.55466 |
| 244 | | 4735 | 4622 | 4023 | 0. | 56.55465 |
| 243 | | 4736 | 4621 | 4022 | 0. | 56.55464 |
| 242 | | 4737 | 4620 | 4021 | 0. | 56.55463 |
| 241 | | 4738 | 4619 | 4020 | 0. | 56.55462 |
| 240 | | 4739 | 4618 | 4019 | 0. | 56.55461 |
| 239 | | 4740 | 4617 | 4018 | 0. | 56.55460 |
| 238 | | 4741 | 4616 | 4017 | 0. | 56.55459 |
| 237 | | 4742 | 4615 | 4016 | 0. | 56.55458 |
| 236 | | 4743 | 4614 | 4015 | 0. | 56.55457 |
| 235 | | 4744 | 4613 | 4014 | 0. | 56.55456 |
| 234 | | 4745 | 4612 | 4013 | 0. | 56.55455 |
| 233 | | 4746 | 4611 | 4012 | 0. | 56.55454 |
| 232 | | 4747 | 4610 | 4011 | 0. | 56.55453 |
| 231 | | 4748 | 4609 | 4010 | 0. | 56.55452 |
| 230 | | 4749 | 4608 | 4009 | 0. | 56.55451 |
| 229 | | 4750 | 4607 | 4008 | 0. | 56.55450 |
| 228 | | 4751 | 4606 | 4007 | 0. | 56.55449 |
| 227 | | 4752 | 4605 | 4006 | 0. | 56.55448 |
| 226 | | 4753 | 4604 | 4005 | 0. | 56.55447 |
| 225 | | 4754 | 4603 | 4004 | 0. | 56.55446 |
| 224 | | 4755 | 4602 | 4003 | 0. | 56.55445 |
| 223 | | 4756 | 4601 | 4002 | 0. | 56.55444 |
| 222 | | 4757 | 4600 | 4001 | 0. | 56.55443 |
| 221 | | 4758 | 4599 | 4000 | 0. | 56.55442 |
| 220 | | 4759 | 4598 | 3999 | 0. | 56.55441 |
| 219 | | 4760 | 4597 | 3998 | 0. | 56.55440 |
| 218 | | 4761 | 4596 | 3997 | 0. | 56.55439 |
| 217 | | 4762 | 4595 | 3996 | 0. | 56.55438 |
| 216 | | 4763 | 4594 | 3995 | 0. | 56.55437 |
| 215 | | 4764 | 4593 | 3994 | 0. | 56.55436 |
| 214 | | 4765 | 4592 | 3993 | 0. | 56.55435 |
| 213 | | 4766 | 4591 | 3992 | 0. | 56.55434 |
| 212 | | 4767 | 4590 | 3991 | 0. | 56.55433 |
| 211 | | 4768 | 4589 | 3990 | 0. | 56.55432 |
| 210 | | 4769 | 4588 | 3989 | 0. | 56.55431 |
| 209 | | 4770 | 4587 | 3988 | 0. | 56.55430 |
| 208 | | 4771 | 4586 | 3987 | 0. | 56.55429 |
| 207 | | 4772 | 4585 | 3986 | 0. | 56.55428 |
| 206 | | 4773 | 4584 | 3985 | 0. | 56.55427 |
| 205 | | 4774 | 4583 | 3984 | 0. | 56.55426 |
| 204 | | 4775 | 4582 | 3983 | 0. | 56.55425 |
| 203 | | 4776 | 4581 | 3982 | 0. | 56.55424 |
| 202 | | 4777 | 4580 | 3981 | 0. | 56.55423 |
| 201 | | 4778 | 4579 | 3980 | 0. | 56.55422 |
| 200 | | 4779 | 4578 | 3979 | 0. | 56.55421 |
| 199 | | 4780 | 4577 | 3978 | 0. | 56.55420 |
| 198 | | 4781 | 4576 | 3977 | 0. | 56.55419 |
| 197 | | 4782 | 4575 | 3976 | 0. | 56.55418 |
| 196 | | 4783 | 4574 | 3975 | 0. | 56.55417 |
| 195 | | 4784 | 4573 | 3974 | 0. | 56.55416 |
| 194 | | 4785 | 4572 | 3973 | 0. | 56.55415 |
| 193 | | 4786 | 4571 | 3972 | 0. | 56.55414 |
| 192 | | 4787 | 4570 | 3971 | 0. | 56.55413 |
| 191 | | 4788 | 4569 | 3970 | 0. | 56.55412 |
| 190 | | 4789 | 4568 | 3969 | 0. | 56.55411 |
| 189 | | 4790 | 4567 | 3968 | 0. | 56.55410 |
| 188 | | 4791 | 4566 | 3967 | 0. | 56.55409 |
| 187 | | 4792 | 4565 | 3966 | 0. | 56.55408 |
| 186 | | 4793 | 4564 | 3965 | 0. | 56.55407 |
| 185 | | 4794 | 4563 | 3964 | 0. | 56.55406 |
| 184 | | 4795 | 4562 | 3963 | 0. | 56.55405 |
| 183 | | 4796 | 4561 | 3962 | 0. | 56.55404 |
| 182 | | 4797 | 4560 | 3961 | 0. | 56.55403 |
| 181 | | 4798 | 4559 | 3960 | 0. | 56.55402 |
| 180 | | 4799 | 4558 | 3959 | 0. | 56.55401 |
| 179 | | 4800 | 4557 | 3958 | 0. | 56.55400 |
| 178 | | 4801 | 4556 | 3957 | 0. | 56.55399 |
| 177 | | 4802 | 4555 | 3956 | 0. | 56.55398 |
| 176 | | 4803 | 4554 | 3955 | 0. | 56.55397 |
| 175 | | 4804 | 4553 | 3954 | 0. | 56.55396 |
| 174 | | 4805 | 4552 | 3953 | 0. | 56.55395 |
| 173 | | 4806 | 4551 | 3952 | 0. | 56.55394 |
| 172 | | 4807 | 4550 | 3951 | 0. | 56.55393 |
| 171 | | 4808 | 4549 | 3950 | 0. | 56.55392 |
| 170 | | 4809 | 4548 | 3949 | 0. | 56.55391 |
| 169 | | 4810 | 4547 | 3948 | 0. | 56.55390 |
| 168 | | 4811 | 4546 | 3947 | 0. | 56.55389 |
| 167 | | 4812 | 4545 | 3946 | 0. | 56.55388 |
| 166 | | 4813 | 4544 | 3945 | 0. | 56.55387 |
| 165 | | 4814 | 4543 | 3944 | 0. | 56.55386 |
| 164 | | 4815 | 4542 | 3943 | 0. | 56.55385 |

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| 161 | 8 | 7526 | 4 | 40115 | 43 | 0.01551 | 47 | 0.13544 |
| 162 | 4 | 7524 | 1 | 40114 | 42 | 0.00571 | 46 | 0.43224 |
| 163 | 90 | 7523 | 10 | 40113 | 41 | 0.00242 | 45 | 0.44602 |
| 164 | 10 | 7522 | 3 | 40112 | 40 | 0.00114 | 44 | 0.66103 |
| 165 | 10 | 7521 | 6 | 40111 | 39 | 0.00052 | 43 | 0.66706 |
| 166 | 8 | 7520 | 4 | 40110 | 38 | 0.00024 | 42 | 0.66500 |
| 167 | 3 | 7519 | 1 | 40109 | 37 | 0.00012 | 41 | 0.66394 |
| 168 | 403 | 7518 | 403 | 40108 | 36 | 0.00006 | 40 | 0.66288 |
| 169 | 12 | 7517 | 12 | 40107 | 35 | 0.00003 | 39 | 0.66182 |
| 170 | 340 | 7516 | 340 | 40106 | 34 | 0.00001 | 38 | 0.66076 |
| 171 | 2 | 7515 | 2 | 40105 | 33 | 0.00000 | 37 | 0.65970 |
| 172 | 42 | 7514 | 42 | 40104 | 32 | 0.00000 | 36 | 0.65864 |
| 173 | 15 | 7513 | 15 | 40103 | 31 | 0.00000 | 35 | 0.65758 |
| 174 | 3 | 7512 | 3 | 40102 | 30 | 0.00000 | 34 | 0.65652 |
| 175 | 4 | 7511 | 4 | 40101 | 29 | 0.00000 | 33 | 0.65546 |
| 176 | 14 | 7510 | 14 | 40100 | 28 | 0.00000 | 32 | 0.65440 |
| 177 | 11 | 7509 | 11 | 40099 | 27 | 0.00000 | 31 | 0.65334 |
| 178 | 08 | 7508 | 08 | 40098 | 26 | 0.00000 | 30 | 0.65228 |
| 179 | 13 | 7507 | 13 | 40097 | 25 | 0.00000 | 29 | 0.65122 |
| 180 | 08 | 7506 | 08 | 40096 | 24 | 0.00000 | 28 | 0.65016 |
| 181 | 11 | 7505 | 11 | 40095 | 23 | 0.00000 | 27 | 0.64910 |
| 182 | 316 | 7504 | 316 | 40094 | 22 | 0.00000 | 26 | 0.64804 |
| 183 | 11 | 7503 | 11 | 40093 | 21 | 0.00000 | 25 | 0.64698 |
| 184 | 9 | 7502 | 9 | 40092 | 20 | 0.00000 | 24 | 0.64592 |
| 185 | 9 | 7501 | 9 | 40091 | 19 | 0.00000 | 23 | 0.64486 |
| 186 | 15 | 7500 | 15 | 40090 | 18 | 0.00000 | 22 | 0.64380 |
| 187 | 11 | 7499 | 11 | 40089 | 17 | 0.00000 | 21 | 0.64274 |
| 188 | 42 | 7498 | 42 | 40088 | 16 | 0.00000 | 20 | 0.64168 |
| 189 | 10 | 7497 | 10 | 40087 | 15 | 0.00000 | 19 | 0.64062 |
| 190 | 42 | 7496 | 42 | 40086 | 14 | 0.00000 | 18 | 0.63956 |
| 191 | 11 | 7495 | 11 | 40085 | 13 | 0.00000 | 17 | 0.63850 |
| 192 | 10 | 7494 | 10 | 40084 | 12 | 0.00000 | 16 | 0.63744 |
| 193 | 21 | 7493 | 21 | 40083 | 11 | 0.00000 | 15 | 0.63638 |
| 194 | 19 | 7492 | 19 | 40082 | 10 | 0.00000 | 14 | 0.63532 |
| 195 | 14 | 7491 | 14 | 40081 | 9 | 0.00000 | 13 | 0.63426 |
| 196 | 11 | 7490 | 11 | 40080 | 8 | 0.00000 | 12 | 0.63320 |
| 197 | 10 | 7489 | 10 | 40079 | 7 | 0.00000 | 11 | 0.63214 |
| 198 | 42 | 7488 | 42 | 40078 | 6 | 0.00000 | 10 | 0.63108 |
| 199 | 11 | 7487 | 11 | 40077 | 5 | 0.00000 | 9 | 0.63002 |
| 200 | 19 | 7486 | 19 | 40076 | 4 | 0.00000 | 8 | 0.62896 |
| 201 | 16 | 7485 | 16 | 40075 | 3 | 0.00000 | 7 | 0.62790 |
| 202 | 17 | 7484 | 17 | 40074 | 2 | 0.00000 | 6 | 0.62684 |
| 203 | 11 | 7483 | 11 | 40073 | 1 | 0.00000 | 5 | 0.62578 |
| 204 | 136 | 7482 | 136 | 40072 | 0 | 0.00000 | 4 | 0.62472 |
| 205 | 123 | 7481 | 123 | 40071 | | | 3 | 0.62366 |
| 206 | 20 | 7480 | 20 | 40070 | | | 2 | 0.62260 |
| 207 | 31 | 7479 | 31 | 40069 | | | 1 | 0.62154 |
| 208 | 30 | 7478 | 30 | 40068 | | | 0 | 0.62048 |
| 209 | 21 | 7477 | 21 | 40067 | | | | 0.61942 |
| 210 | 42 | 7476 | 42 | 40066 | | | | 0.61836 |
| 211 | 42 | 7475 | 42 | 40065 | | | | 0.61730 |
| 212 | 27 | 7474 | 27 | 40064 | | | | 0.61624 |
| 213 | 15 | 7473 | 15 | 40063 | | | | 0.61518 |
| 214 | 374 | 7472 | 374 | 40062 | | | | 0.61412 |
| 215 | 25 | 7471 | 25 | 40061 | | | | 0.61306 |
| 216 | 23 | 7470 | 23 | 40060 | | | | 0.61200 |
| 217 | 24 | 7469 | 24 | 40059 | | | | 0.61094 |
| 218 | | 7468 | | 40058 | | | | 0.60988 |
| 219 | | 7467 | | 40057 | | | | 0.60882 |
| 220 | | 7466 | | 40056 | | | | 0.60776 |
| 221 | | 7465 | | 40055 | | | | 0.60670 |
| 222 | | 7464 | | 40054 | | | | 0.60564 |
| 223 | | 7463 | | 40053 | | | | 0.60458 |
| 224 | | 7462 | | 40052 | | | | 0.60352 |
| 225 | | 7461 | | 40051 | | | | 0.60246 |
| 226 | | 7460 | | 40050 | | | | 0.60140 |
| 227 | | 7459 | | 40049 | | | | 0.60034 |
| 228 | | 7458 | | 40048 | | | | 0.59928 |
| 229 | | 7457 | | 40047 | | | | 0.59822 |
| 230 | | 7456 | | 40046 | | | | 0.59716 |
| 231 | | 7455 | | 40045 | | | | 0.59610 |
| 232 | | 7454 | | 40044 | | | | 0.59504 |
| 233 | | 7453 | | 40043 | | | | 0.59398 |
| 234 | | 7452 | | 40042 | | | | 0.59292 |
| 235 | | 7451 | | 40041 | | | | 0.59186 |
| 236 | | 7450 | | 40040 | | | | 0.59080 |
| 237 | | 7449 | | 40039 | | | | 0.58974 |
| 238 | | 7448 | | 40038 | | | | 0.58868 |
| 239 | | 7447 | | 40037 | | | | 0.58762 |
| 240 | | 7446 | | 40036 | | | | 0.58656 |
| 241 | | 7445 | | 40035 | | | | 0.58550 |
| 242 | | 7444 | | 40034 | | | | 0.58444 |
| 243 | | 7443 | | 40033 | | | | 0.58338 |
| 244 | | 7442 | | 40032 | | | | 0.58232 |
| 245 | | 7441 | | 40031 | | | | 0.58126 |
| 246 | | 7440 | | 40030 | | | | 0.58020 |
| 247 | | 7439 | | 40029 | | | | 0.57914 |
| 248 | | 7438 | | 40028 | | | | 0.57808 |
| 249 | | 7437 | | 40027 | | | | 0.57702 |
| 250 | | 7436 | | 40026 | | | | 0.57596 |
| 251 | | 7435 | | 40025 | | | | 0.57490 |
| 252 | | 7434 | | 40024 | | | | 0.57384 |
| 253 | | 7433 | | 40023 | | | | 0.57278 |
| 254 | | 7432 | | 40022 | | | | 0.57172 |
| 255 | | 7431 | | 40021 | | | | 0.57066 |
| 256 | | 7430 | | 40020 | | | | 0.56960 |
| 257 | | 7429 | | 40019 | | | | 0.56854 |
| 258 | | 7428 | | 40018 | | | | 0.56748 |
| 259 | | 7427 | | 40017 | | | | 0.56642 |
| 260 | | 7426 | | 40016 | | | | 0.56536 |
| 261 | | 7425 | | 40015 | | | | 0.56430 |
| 262 | | 7424 | | 40014 | | | | 0.56324 |
| 263 | | 7423 | | 40013 | | | | 0.56218 |
| 264 | | 7422 | | 40012 | | | | 0.56112 |
| 265 | | 7421 | | 40011 | | | | 0.56006 |
| 266 | | 7420 | | 40010 | | | | 0.55900 |
| 267 | | 7419 | | 40009 | | | | 0.55794 |
| 268 | | 7418 | | 40008 | | | | 0.55688 |
| 269 | | 7417 | | 40007 | | | | 0.55582 |
| 270 | | 7416 | | 40006 | | | | 0.55476 |
| 271 | | 7415 | | 40005 | | | | 0.55370 |
| 272 | | 7414 | | 40004 | | | | 0.55264 |
| 273 | | 7413 | | 40003 | | | | 0.55158 |
| 274 | | 7412 | | 40002 | | | | 0.55052 |
| 275 | | 7411 | | 40001 | | | | 0.54946 |
| 276 | | 7410 | | 40000 | | | | 0.54840 |

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APPENDIX C
NARF ALAMEDA COG SUMMARY

| <u>Cognizance Symbol</u> | <u>Total Demand</u> |
|------------------------------|-------------------------|
| 9Z | 39912 |
| 1R | 32252 |
| 9N | 20658 |
| 9C | 7555 |
| 9V | 7379 |
| 9G | 7241 |
| 9Q | 5825 |
| 9J | 3206 |
| 6V | 1858 |
| 2R | 1783 |
| 1H | 1179 |
| 9F | 1175 |
| 9W | 547 |
| 5R | 382 |
| 9I | 348 |
| 9K | 317 |
| 9Y | 289 |
| 9D | 262 |
| AX | 243 |
| 6E | 216 |
| 8R | 215 |
| 2E | 186 |
| CX | 129 |
| 9A | 119 |
| 2H | 100 |
| 1I | 93 |
| 9L | 55 |
| 9E | 53 |
| 4E | 53 |
| SE | 51 |
| 9H | 41 |
| 9□ | 30 |
| 9S | 28 |
| 6R | 26 |
| SX | 26 |
| 4G | 22 |
| 6Q | 22 |
| 5P | 14 |
| V7 | 11 |
| TOTAL | 133,901 |

APPENDIX D

NARF ALAMEDA CALENDAR SUMMARY OF DEMAND

| FEBRUARY | | | | | | | | | |
|----------------|------|------|------|------|------|------|-------|--|--|
| SUN | MON | TUE | WED | THU | FRI | SAT | TOTAL | | |
| C | 0 | C | 0 | 522 | 818 | 260 | 1980 | | |
| 54 | 996 | 753 | 1034 | 855 | 689 | 422 | 4802 | | |
| 41 | 533 | 655 | 785 | 683 | 717 | 253 | 4067 | | |
| 55 | 54 | 551 | 567 | 840 | 718 | 336 | 3961 | | |
| 64 | 1004 | 635 | 944 | 0 | 1 | 0 | 2641 | | |
| 234 | 2587 | 2008 | 3730 | 3280 | 2942 | 1271 | 17452 | | |
| MONTHLY DEMAND | | | | | | | | | |
| 0 | 0 | C | 0 | 637 | 725 | 276 | 1602 | | |
| 65 | 840 | 872 | 759 | 851 | 934 | 111 | 4424 | | |
| 55 | 852 | 807 | 670 | 756 | 947 | 110 | 4321 | | |
| 64 | 664 | 1152 | 715 | 655 | 662 | 632 | 4576 | | |
| 107 | 767 | 658 | 1126 | 855 | 653 | 122 | 4306 | | |
| 295 | 3123 | 3491 | 3261 | 3828 | 3858 | 1245 | 19151 | | |
| MONTHLY DEMAND | | | | | | | | | |
| 46 | 775 | 706 | 829 | 611 | 558 | 52 | 4358 | | |
| 61 | 824 | 701 | 827 | 869 | 1287 | 30 | 4555 | | |
| 30 | 729 | 1007 | 1030 | 531 | 838 | 223 | 4788 | | |
| 34 | 711 | 797 | 914 | 605 | 932 | 463 | 4456 | | |
| 74 | 1048 | C | 0 | 0 | 0 | 0 | 1122 | | |
| 245 | 4087 | 3211 | 3600 | 3016 | 4055 | 805 | 19323 | | |
| MONTHLY DEMAND | | | | | | | | | |

| | | | | | | | | |
|----------------|-----|------|------|------|------|------|-----|-------|
| PAY | C | 0 | 722 | 902 | 513 | 839 | 174 | 3510 |
| | 41 | 578 | 809 | 806 | 622 | 545 | 81 | 2883 |
| | 31 | 624 | 770 | 844 | 456 | 519 | 47 | 3241 |
| | 64 | 723 | 628 | 320 | 415 | 477 | 11 | 2568 |
| | 8 | 20 | 488 | 451 | 523 | 0 | C | 1450 |
| MONTHLY DEPEND | 144 | 2255 | 2421 | 3323 | 2570 | 2310 | 263 | 14792 |
| JUNE | C | 0 | 0 | 0 | 0 | 424 | 85 | 515 |
| | 48 | 482 | 415 | 526 | 525 | 574 | 241 | 2815 |
| | 35 | 446 | 550 | 593 | 816 | 391 | 87 | 2505 |
| | 15 | 556 | 414 | 580 | 456 | 549 | 100 | 2761 |
| | 42 | 485 | 524 | 874 | 652 | 522 | 62 | 3171 |
| MONTHLY DEPEND | 148 | 2009 | 1517 | 2578 | 2453 | 2459 | 575 | 12175 |
| JULY | 76 | 550 | 280 | 8 | 368 | 311 | 43 | 1668 |
| | 36 | 330 | 530 | 461 | 385 | 312 | 32 | 2086 |
| | 50 | 247 | 358 | 320 | 377 | 356 | 5 | 1897 |
| | 19 | 503 | 380 | 525 | 624 | 403 | 26 | 2480 |
| | 45 | 667 | 605 | 0 | 0 | 0 | C | 1321 |
| MONTHLY DEPEND | 228 | 2407 | 2157 | 1314 | 1774 | 1422 | 110 | 5452 |

AUGUST

| | | | | | | | | |
|----------------|-----|------|------|------|------|------|-----|-------|
| C | 64 | 658 | 455 | 700 | 603 | 672 | 56 | 2131 |
| | 103 | 748 | 782 | 652 | 805 | 776 | 254 | 2748 |
| | 101 | 588 | 556 | 644 | 927 | 468 | 142 | 2816 |
| | 41 | 544 | 591 | 649 | 885 | 582 | 20 | 2375 |
| | 305 | 2578 | 2425 | 750 | 617 | 770 | 0 | 2312 |
| MONTHLY DEMAND | | | | 3395 | 3837 | 3266 | 472 | 16287 |

SEPTEMBER

| | | | | | | | | |
|----------------|-----|------|------|------|------|------|-----|-------|
| C | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 20 |
| | 20 | 72 | 722 | 633 | 713 | 890 | 78 | 2127 |
| | 35 | 745 | 754 | 684 | 667 | 583 | 12 | 2484 |
| | 100 | 845 | 601 | 672 | 770 | 013 | 16 | 2517 |
| | 62 | 658 | 615 | 708 | 555 | 620 | 52 | 2274 |
| | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| MONTHLY DEMAND | 257 | 2220 | 2693 | 2697 | 2715 | 3034 | 182 | 13868 |

OCTOBER

| | | | | | | | | |
|----------------|-----|------|------|------|------|------|-----|-------|
| C | 604 | 471 | 465 | 543 | 816 | 465 | 245 | 2150 |
| | 22 | 142 | 622 | 517 | 547 | 414 | 152 | 2411 |
| | 78 | 599 | 454 | 636 | 415 | 617 | 65 | 2857 |
| | 35 | 603 | 351 | 574 | 324 | 484 | 150 | 2520 |
| | 25 | 288 | 240 | 289 | 0 | 0 | 0 | 842 |
| MONTHLY DEMAND | 160 | 2238 | 2185 | 2552 | 2055 | 1073 | 622 | 11820 |

TOTAL DEMAND

| | | | | | | | | |
|------|-------|-------|-------|-------|-------|------|--|--------|
| 2020 | 24104 | 24562 | 26450 | 26012 | 25229 | 5557 | | 124034 |
|------|-------|-------|-------|-------|-------|------|--|--------|

APPENDIX E

NARF ALAMEDA CALENDAR SUMMARY OF REQUISITION NET WEIGHTS

| | SUN | MON | TUE | WED | THU | FRI | SAT | TOTAL |
|----------------|---------|---------|---------|---------|---------|---------|---------|----------|
| JANUARY | C.C. | 0.0 | 0.0 | C.C. | 16052.6 | 5575.5 | 673.8 | 22305.5 |
| | 3420.5 | 4850.6 | 25159.0 | 11533.1 | 7765.6 | 4635.8 | 2140.6 | 55545.8 |
| | 8314.7 | 18039.7 | 3151.5 | 6358.0 | 2371.6 | 22008.2 | 2648.6 | 64532.3 |
| | 231.8 | 3034.4 | 4338.6 | 6925.9 | 12932.1 | 4057.0 | 478.1 | 32501.8 |
| | 3461.5 | 7366.5 | 8376.6 | 6568.0 | 0.0 | C.C. | C.C. | 26233.0 |
| MONTHLY WEIGHT | 15448.5 | 34251.6 | 41025.7 | 31848.5 | 45121.8 | 36280.6 | 5541.3 | 205516.7 |
| FEBRUARY | C.C. | C.C. | C.C. | C.C. | 14310.7 | 10620.1 | 576.4 | 25507.2 |
| | 4309.6 | 7701.4 | 25544.8 | 34664.8 | 22771.8 | 11003.1 | 816.0 | 106871.6 |
| | 2156.1 | 14535.8 | 13835.0 | 3508.7 | 14784.5 | 6847.4 | 183.0 | 57294.2 |
| | 49.2 | 20653.6 | 43334.7 | 21318.6 | 10700.1 | 4150.6 | 5330.5 | 105977.4 |
| | 204.5 | 5753.6 | 12265.6 | 6755.7 | 6628.8 | 4365.4 | 413.3 | 36531.0 |
| MONTHLY WEIGHT | 7515.4 | 46083.1 | 54564.0 | 67647.8 | 65195.9 | 37030.5 | 7315.4 | 332181.3 |
| MARCH | 466.7 | 7537.1 | 11154.5 | 10286.5 | 3657.3 | 9572.5 | 6811.2 | 45622.7 |
| | 1931.7 | 17738.0 | 5506.1 | 5801.2 | 27482.8 | 22404.4 | 11.8 | 81276.0 |
| | 13352.7 | 1225.4 | 27452.6 | 13055.3 | 3721.3 | 4810.3 | 3702.5 | 73341.4 |
| | 7637.0 | 6074.5 | 24255.1 | 4368.4 | 2547.3 | 18266.4 | 5260.5 | 68829.1 |
| | 2495.2 | 4241.8 | 0.0 | C.C. | 0.0 | C.C. | C.C. | 6741.0 |
| MONTHLY WEIGHT | 25673.3 | 43216.6 | 48808.3 | 33531.9 | 37848.7 | 55055.0 | 12752.4 | 280121.1 |

| | | | | | | | | |
|----------------|---------|---------|---------|---------|---------|---------|-------|----------|
| DAY | C.C. | 0.0 | 5321.4 | 3155.0 | 5288.9 | 13731.7 | 164.2 | 28281.3 |
| | 9079.1 | 2939.4 | 6664.8 | 45863.5 | 9648.8 | 19666.6 | 54.5 | 97956.4 |
| | 535.4 | 8322.6 | 12683.2 | 23052.2 | 1275.9 | 3271.4 | 64.6 | 49361.3 |
| | 2601.9 | 3028.5 | 1335.5 | 1383.1 | 3381.3 | 1335.6 | 6.8 | 15235.1 |
| | 6.0 | 44.3 | 855.6 | 14684.5 | 5730.9 | C.C. | C.0 | 21121.7 |
| MONTHLY WEIGHT | 12472.5 | 14335.2 | 22860.4 | 52536.6 | 25425.8 | 38011.2 | 252.3 | 215555.5 |
| JUNE | C.C. | 0.0 | C.C. | C.C. | 0.0 | 37747.6 | 617.3 | 38565.0 |
| | 153.6 | 3404.4 | 2480.3 | 2087.3 | 2359.9 | 1425.0 | 430.1 | 12344.9 |
| | 7155.1 | 581.2 | 2527.8 | 14304.3 | 1575.1 | 27884.5 | 419.0 | 55287.4 |
| | 16.6 | 2004.6 | 5900.3 | 2055.2 | 2428.6 | 1027.1 | 635.3 | 14067.2 |
| | 14467.4 | 2454.3 | 5370.0 | 4455.5 | 14108.9 | 4736.2 | 56.6 | 45625.3 |
| MONTHLY WEIGHT | 21772.5 | 8884.5 | 16078.4 | 22506.7 | 20472.4 | 72624.6 | 230.4 | 165895.6 |
| JULY | 2217.6 | 1560.6 | 10782.4 | C.0 | 3335.2 | 972.1 | 24.1 | 18556.1 |
| | 4954.0 | 700.6 | 1363.1 | 3237.8 | 853.6 | 2246.3 | 47.2 | 13402.6 |
| | 2655.6 | 4366.8 | 6067.3 | 7046.2 | 2406.6 | 2695.1 | 24.3 | 25320.7 |
| | 807.7 | 14125.6 | 2361.7 | 14710.4 | 6661.7 | 1941.4 | 26.0 | 40634.7 |
| | 6552.2 | 2391.6 | 8442.4 | C.0 | 0.0 | C.C. | C.C. | 17826.2 |
| MONTHLY WEIGHT | 17765.5 | 23145.2 | 25036.5 | 24554.4 | 13257.1 | 7855.6 | 125.6 | 116180.3 |

| | | | | | | | | |
|-----------------|----------|----------|----------|----------|----------|----------|---------|-----------|
| AUGUST | C.C | C.C | C.C | 2835.4 | 7876.5 | 3313.0 | 44.4 | 14069.3 |
| | 758.0 | 2766.1 | 15981.5 | 1516.7 | 3576.9 | 26703.3 | 778.0 | 56522.5 |
| | 7105.2 | 46254.4 | 46758.9 | 2715.5 | 4030.6 | 565.6 | 281.0 | 112815.5 |
| | 5705.6 | 1625.2 | 3057.5 | 7832.3 | 16256.3 | 14622.5 | 5.6 | 53105.4 |
| | 5332.4 | 5289.1 | 5001.9 | 5912.5 | 7776.7 | 7366.5 | C.C | 40680.2 |
| MONTHLY = EIGHT | 22948.4 | 55534.5 | 74800.1 | 21214.8 | 35517.0 | 57671.0 | 1128.5 | 277212.5 |
| SEPTEMBER | C.C | C.C | 0.0 | 0.0 | 0.0 | C.C | 21.7 | 21.7 |
| | 44.6 | 339.6 | 28368.5 | 2415.7 | 5411.5 | 3196.3 | 238.2 | 50014.4 |
| | 434.6 | 12500.9 | 3306.1 | 2766.2 | 4880.9 | 6811.8 | 31.7 | 30738.2 |
| | 451.2 | 3281.2 | 8480.6 | 5550.4 | 19351.1 | 3356.5 | 1.5 | 45173.5 |
| | 1635.2 | 11253.6 | 6411.5 | 10227.3 | 2563.9 | 2102.8 | 60.6 | 35258.9 |
| | 7406.4 | 0.0 | 0.0 | 0.0 | 0.0 | C.C | C.C | 7406.4 |
| MONTHLY = EIGHT | 10016.0 | 27415.4 | 56746.7 | 25355.6 | 32607.3 | 16113.8 | 354.1 | 168632.8 |
| OCTOBER | C.C | 2157.0 | 4735.7 | 25565.2 | 8594.3 | 17328.0 | 1776.8 | 46121.0 |
| | 40.1 | 392.7 | 7050.6 | 10812.5 | 4052.6 | 2552.0 | 765.7 | 26336.4 |
| | 114.8 | 3315.6 | 11508.9 | 7713.4 | 3537.0 | 1164.8 | 200.4 | 33555.4 |
| | 74.6 | 2858.2 | 2258.8 | 41342.5 | 1635.2 | 2032.5 | 757.9 | 51040.1 |
| | 302.5 | 6427.8 | 747.0 | 1741.6 | 0.0 | C.C | C.C | 5258.5 |
| MONTHLY = EIGHT | 612.1 | 15155.4 | 27367.0 | 87180.0 | 17819.2 | 29077.2 | 3524.8 | 180755.6 |
| TOTAL = EIGHT | 134820.6 | 275022.8 | 442321.3 | 406662.6 | 301265.1 | 345520.0 | 38500.0 | 1546517.0 |

APPENDIX F

NARF ALAMEDA CALENDAR SUMMARY OF REQUISITION NET CUBIC VOLUMES

| PERIOD | SUN | MON | TUE | WED | THU | FRI | SAT | TOTAL |
|-----------|--------|---------|---------|---------|---------|---------|--------|----------|
| MONTHLY | C.C. | C.C. | C.C. | C.C. | C.C. | C.C. | C.C. | C.C. |
| | 55.5 | 871.7 | 2647.5 | 4482.7 | 10185.4 | 1558.4 | 50.2 | 21711.1 |
| | 151.6 | 1660.6 | 3176.6 | 524.4 | 1682.2 | 1275.5 | 1054.6 | 20053.5 |
| | 14.1 | 99.1 | 2132.2 | 15678.7 | 2651.6 | 458.1 | 378.2 | 5703.8 |
| | 1083.6 | 1457.0 | 1677.3 | 524.2 | 0.0 | C.C. | 931.5 | 21565.2 |
| | 1890.6 | 4088.3 | 5033.7 | 21205.9 | 34501.7 | 4876.6 | C.C. | 4742.1 |
| | | | | | | | 2454.7 | 78175.6 |
| QUARTERLY | C.C. | C.C. | 0.0 | 0.0 | 5836.0 | 626.7 | 1107.4 | 11570.1 |
| | 402.2 | 1222.2 | 2361.4 | 553.8 | 12169.8 | 2840.5 | 1027.9 | 20578.3 |
| | 201.2 | 457.5 | 14263.5 | 658.4 | 632.0 | 426.6 | 41.6 | 16790.8 |
| | 11.6 | 1590.2 | 3825.2 | 7020.8 | 522.8 | 750.6 | 116.4 | 15210.5 |
| | 32.0 | 641.2 | 1164.5 | 2821.5 | 1072.2 | 10204.6 | 525.4 | 16826.0 |
| | 701.1 | 4311.1 | 21618.6 | 11494.5 | 24192.9 | 14845.4 | 4251.7 | 81465.6 |
| YEARLY | 17.0 | 686.5 | 2746.8 | 1286.8 | 714.1 | 785.4 | 144.0 | 6385.0 |
| | 48.8 | 1880.1 | 27464.7 | 1400.5 | 1328.4 | 3562.4 | 2.6 | 35687.5 |
| | 1303.2 | 6155.4 | 2419.5 | 43058.1 | 11415.4 | 5685.8 | 123.6 | 70281.3 |
| | 102.3 | 832.8 | 1519.0 | 1627.7 | 1143.3 | 2075.3 | 2005.5 | 10786.3 |
| | 2055.0 | 848.5 | C.C. | 0.0 | 0.0 | C.C. | 0.0 | 2883.5 |
| | 3666.3 | 10403.3 | 34550.4 | 47413.0 | 14601.1 | 12112.5 | 3276.7 | 126023.6 |

AD-A092 663

NAVAL POSTGRADUATE SCHOOL MONTEREY CA
PRE-CONSOLIDATION SUPPLY SUPPORT FOR NARF ALAMEDA AND NSC OAKLA--ETC(U)
SEP 80 B HRABOSKY, W A OWEN, R G POPP

F/G 15/5

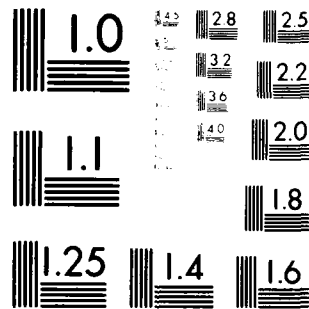
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

| | | | | | | | | |
|--------------|--------|---------|---------|---------|---------|---------|-------|---------|
| PAY | C.C | C.C | 1018.5 | 168.1 | 562.1 | 942.4 | 133.2 | 3424.2 |
| | 256.6 | 6146.0 | 2211.6 | 5590.5 | 3121.7 | 1351.2 | 50.8 | 18762.8 |
| | 35.3 | 1355.8 | 2156.4 | 10350.5 | 6166.7 | 267.5 | 5.4 | 20366.0 |
| | 748.5 | 1044.6 | 617.1 | 136.8 | 183.1 | 53.1 | 2.1 | 2825.7 |
| | 6.1 | 6.2 | 1190.2 | 2059.6 | 376.2 | C.C | C.C | 3472.3 |
| MONTHLY CUBE | 1039.1 | 4552.6 | 7153.5 | 18555.5 | 10459.7 | 2695.0 | 195.3 | 49071.1 |
| JUNE | C.C | C.C | 0.0 | 0.0 | 0.0 | 11135.2 | 26.0 | 11155.2 |
| | 17.3 | 300.5 | 371.4 | 144.6 | 5698.4 | 185.7 | 92.3 | 6786.1 |
| | 111.4 | 234.3 | 621.5 | 1332.7 | 655.8 | 2810.5 | 143.6 | 5510.1 |
| | 1.1 | 2022.7 | 226.5 | 215.5 | 195.6 | 5792.3 | 107.3 | 9565.0 |
| | 243.2 | 5359.7 | 2335.6 | 557.9 | 1074.7 | 606.7 | 40.5 | 14220.7 |
| MONTHLY CUBE | 373.1 | 12517.2 | 3554.9 | 2274.6 | 7574.5 | 20542.6 | 404.3 | 47641.1 |
| JULY | 56.0 | 5892.2 | 566.6 | C.C | 458.2 | 123.2 | C.7 | 11138.5 |
| | 135.5 | 138.5 | 5574.5 | 167.2 | 1132.6 | 7807.1 | 22.5 | 14582.2 |
| | 210.6 | 527.2 | 1707.0 | 723.2 | 4650.7 | 2704.8 | 1.0 | 10524.1 |
| | 116.5 | 4505.2 | 4295.3 | 668.4 | 2146.2 | 552.6 | 5.7 | 14375.5 |
| | 462.5 | 326.7 | 847.5 | C.C | 0.0 | C.C | C.0 | 1636.7 |
| MONTHLY CUBE | 586.6 | 17470.2 | 12590.9 | 1558.8 | 8427.7 | 11181.1 | 33.5 | 52457.7 |

| | | | | | | | | |
|--------------|---------|---------|----------|----------|----------|----------|---------|----------|
| AUGUST | G.C | G.C | G.C | 255.5 | 565.6 | 1206.0 | 7.5 | 2041.3 |
| | 4048.5 | 2346.0 | 1358.9 | 229.3 | 692.9 | 536.4 | 54.5 | 14136.8 |
| | 224.2 | 544.2 | 21507.0 | 515.5 | 523.6 | 1345.5 | 10.3 | 25074.2 |
| | 204.1 | 406.7 | 262.8 | 1971.5 | 1411.5 | 5443.8 | C.6 | 9701.0 |
| | 56.1 | 566.4 | 1232.3 | 1208.9 | 9742.8 | 1568.8 | C.0 | 14215.3 |
| | 4573.2 | 4263.3 | 24401.1 | 455.1 | 12436.3 | 14936.4 | 73.3 | 45768.6 |
| MONTHLY CUBE | | | | | | | | |
| SEPTEMBER | G.C | G.C | G.C | C.C | 0.0 | C.C | 3.3 | 3.3 |
| | 7.9 | 12.4 | 10543.1 | 3105.5 | 7520.2 | 331.0 | 44.5 | 21565.0 |
| | 35.2 | 2123.7 | 377.8 | 343.3 | 518.2 | 1032.8 | 3.7 | 5224.8 |
| | 35.3 | 18213.1 | 647.5 | 574.7 | 1634.1 | 1462.5 | 0.1 | 23168.2 |
| | 60.6 | 800.6 | 3407.6 | 552.8 | 689.0 | 216.3 | 1.6 | 6188.5 |
| | 180.7 | 0.0 | C.C | C.0 | 0.0 | C.C | C.0 | 180.7 |
| MONTHLY CUBE | | | | | | | | |
| OCTOBER | G.C | 1861.0 | 1018.2 | 2867.0 | 1328.2 | 21802.3 | 777.0 | 29733.8 |
| | 3.3 | 28.0 | 2085.9 | 5670.7 | 3458.7 | 363.4 | 528.8 | 12138.8 |
| | 21.5 | 5452.1 | 2414.8 | 13456.6 | 678.5 | 1503.7 | 61.0 | 27788.1 |
| | 14.3 | 273.9 | 2772.4 | 1110.1 | 129.8 | 1343.7 | 464.8 | 6048.8 |
| | 1005.6 | 4253.1 | 76.2 | 378.2 | 0.0 | C.C | C.C | 5717.2 |
| | 1045.2 | 15688.1 | 8367.5 | 23682.6 | 555.2 | 25052.6 | 1771.4 | 81426.6 |
| MONTHLY CUBE | | | | | | | | |
| TOTAL CUBE | 14623.2 | 55023.5 | 137287.2 | 136620.3 | 135080.4 | 110136.1 | 12554.7 | 635345.8 |

SNARF ALAMEDA TOP REQUISITION ITEMS BY REQUISITION FREQUENCY

97

99

[illegible]

21EAA
11CAA
1701AAC
161AAC
1431AAC
21CDA
175EAA
415PDC
344EAA
21EAA
1321AAC
1341EAC
191EAA
121EAA
111EAA

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0-00000400N0000NM0000N0000000400000-NN-000

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တစ်ခုတည်းသော အသံထွက်မှုကို ဖြစ်ပေါ်စေရန် အသံထွက်မှုများကို ပေါင်းစပ်ခြင်းဖြစ်သည်။

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17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

$$\text{U} \xrightarrow{\text{H}_2\text{O}} \text{U}(\text{OH})_2 \xrightarrow{\text{H}_2\text{O}} \text{U}(\text{OH})_3 \xrightarrow{\text{H}_2\text{O}} \text{U}(\text{OH})_4 \xrightarrow{\text{H}_2\text{O}} \text{U}(\text{OH})_5 \xrightarrow{\text{H}_2\text{O}} \text{U}(\text{OH})_6$$

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[illegible][illegible]



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[illegible]

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1954444  
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5 1 3 7 3 4 4 8 5 12 2 19 1 17 20 14

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החלטות ועד הפועים - 1920

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**הַיְּמִינוּת הָעוֹלָם כְּנֶגֶד חֻקֵּי הַבְּרִית**

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**၁၃။ အထွေထွေအချက်အလက်**

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**סמכות המערכת**

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**ထပ်မံအကြောင်းပြောဆိုခြင်း**

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မင်းသမီးတို့အားလုံး၏အမည်များကိုအောက်ဖော်ပြပါအတိုင်းစာရင်းတင်ပြပါ။

ထိုသို့အားဖြင့် နေပြည်တော် မြို့နယ် အတွင်းရှိ မြို့နယ်အဆင့် အထက်တန်း ကျောင်းများတွင် ပါဝင်သည့် ကျောင်းများကို အောက်ဖော်ပြပါအတိုင်း ဖော်ပြထားပါသည်။

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מסמך זה נמצא במערכת הרישום והפיקוח של משרד המשפטים, תחת חוק חופש המידע, 5742-2004.

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**საქართველოს მთავრობის განკარგულებაში**

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 1423500132947  
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**סמל מס' 0-87967-000000**

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א. יעקבסון, מנהל מחלקת המחקר, משרד החינוך, תל אביב

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התאחדות המורים והתאחדות ההורים יחדיו

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### UNARF ALAMEDA TOP REQUISITION ITEMS BY REQUISITION FREQUENCY AND BY REQUISITION QUANTITY

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# APPENDIX I

## ANALYSIS OF NARF ALAMEDA REFERRALS BY DAY OF THE WEEK AND MONTH OF THE YEAR

TABLE I - 1

### NARF REFERRALS BY DAY OF THE WEEK

|                                         | <u>Number of<br/>Requisitions</u> | <u>Percentage<br/>of Total<br/>Requisitions</u> |
|-----------------------------------------|-----------------------------------|-------------------------------------------------|
| A. REQUISITIONS PREPARED<br>BY THE NARF |                                   |                                                 |
| SUNDAY                                  | 250                               | 00.9                                            |
| MONDAY                                  | 4,983                             | 18.8                                            |
| TUESDAY                                 | 5,435                             | 20.5                                            |
| WEDNESDAY                               | 5,193                             | 19.6                                            |
| THURSDAY                                | 5,286                             | 20.0                                            |
| FRIDAY                                  | 4,473                             | 16.9                                            |
| SATURDAY                                | 871                               | 03.3                                            |
| B. REQUISITIONS RECEIVED<br>BY NSC      |                                   |                                                 |
| SUNDAY                                  | 1,913                             | 07.2                                            |
| MONDAY                                  | 1,596                             | 06.0                                            |
| TUESDAY                                 | 4,391                             | 16.6                                            |
| WEDNESDAY                               | 5,106                             | 19.3                                            |
| THURSDAY                                | 5,338                             | 20.2                                            |
| FRIDAY                                  | 5,447                             | 20.6                                            |
| SATURDAY                                | 2,700                             | 10.2                                            |
| C. REQUISITIONS SHIPPED<br>BY NSC       |                                   |                                                 |
| SUNDAY                                  | 1,400                             | 05.3                                            |
| MONDAY                                  | 4,449                             | 16.8                                            |
| TUESDAY                                 | 2,901                             | 11.0                                            |
| WEDNESDAY                               | 4,444                             | 16.8                                            |
| THURSDAY                                | 5,235                             | 19.8                                            |
| FRIDAY                                  | 5,484                             | 20.7                                            |
| SATURDAY                                | 2,578                             | 9.7                                             |



TABLE I - 2  
NARF REFERRALS BY MONTH OF THE YEAR

|                                         | <u>Number of<br/>Requisitions</u> | <u>Percentage<br/>of Total<br/>Requisitions</u> |
|-----------------------------------------|-----------------------------------|-------------------------------------------------|
| A. REQUISITIONS PREPARED<br>BY THE NARF |                                   |                                                 |
| SEPTEMBER                               | 2,068                             | 07.81                                           |
| OCTOBER                                 | 1,981                             | 07.48                                           |
| NOVEMBER                                | 1,958                             | 07.39                                           |
| DECEMBER                                | 1,322                             | 04.99                                           |
| JANUARY                                 | 2,249                             | 08.49                                           |
| FEBRUARY                                | 2,217                             | 08.37                                           |
| MARCH                                   | 2,863                             | 10.81                                           |
| APRIL                                   | 2,580                             | 9.74                                            |
| MAY                                     | 2,801                             | 10.57                                           |
| JUNE                                    | 2,368                             | 08.94                                           |
| JULY                                    | 2,003                             | 07.56                                           |
| AUGUST                                  | 2,081                             | 07.85                                           |
| B. REQUISITIONS RECEIVED<br>AT NSC      |                                   |                                                 |
| SEPTEMBER                               | 1,819                             | 06.87                                           |
| OCTOBER                                 | 2,050                             | 07.74                                           |
| NOVEMBER                                | 1,945                             | 07.34                                           |
| DECEMBER                                | 1,501                             | 05.67                                           |
| JANUARY                                 | 1,924                             | 07.26                                           |
| FEBRUARY                                | 1,737                             | 06.56                                           |
| MARCH                                   | 3,251                             | 12.27                                           |
| APRIL                                   | 2,361                             | 8.91                                            |
| MAY                                     | 1,939                             | 7.32                                            |
| JUNE                                    | 3,339                             | 12.60                                           |
| JULY                                    | 2,032                             | 7.67                                            |
| AUGUST                                  | 2,593                             | 9.79                                            |
| C. REQUISITIONS SHIPPED<br>BY NSC       |                                   |                                                 |
| SEPTEMBER                               | 2,051                             | 07.74                                           |
| OCTOBER                                 | 2,062                             | 07.78                                           |
| NOVEMBER                                | 1,837                             | 06.93                                           |
| DECEMBER                                | 1,578                             | 05.96                                           |
| JANUARY                                 | 1,829                             | 06.90                                           |
| FEBRUARY                                | 1,857                             | 07.01                                           |
| MARCH                                   | 3,168                             | 11.96                                           |



TABLE I - 2 con't.

|        | <u>Number of<br/>Requisitions</u> | <u>Percentage<br/>of Total<br/>Requisitions</u> |
|--------|-----------------------------------|-------------------------------------------------|
| APRIL  | 2,270                             | 08.57                                           |
| MAY    | 2,148                             | 08.11                                           |
| JUNE   | 3,051                             | 11.52                                           |
| JULY   | 2,163                             | 08.17                                           |
| AUGUST | 2,477                             | 09.35                                           |



# APPENDIX J

## NARF ALAMEDA REFERRALS REQUISITION PRIORITIES

TABLE J - 1

| <u>PRIORITY</u>       | <u>NUMBER OF<br/>REQUISITIONS</u> | <u>PERCENTAGE<br/>OF TOTAL</u> |
|-----------------------|-----------------------------------|--------------------------------|
| 1                     | 0                                 |                                |
| 2                     | 850                               | 3.3                            |
| 3                     | <u>8083</u>                       | <u>31.8</u>                    |
| ISSUE GROUP I TOTAL   | 8933                              | 35.1                           |
| 4                     | 2                                 | 0.0                            |
| 5                     | 93                                | 0.4                            |
| 6                     | 12534                             | 49.2                           |
| 7                     | 22                                | 0.1                            |
| 8                     | <u>4</u>                          | <u>0.0</u>                     |
| ISSUE GROUP II TOTAL  | 12655                             | 49.7                           |
| 9                     | 652                               | 2.6                            |
| 10                    | 0                                 | 0.0                            |
| 11                    | 0                                 | 0.0                            |
| 12                    | 9                                 | 0.0                            |
| 13                    | 2409                              | 9.5                            |
| 14                    | 2                                 | 0.0                            |
| 15                    | <u>791</u>                        | <u>3.1</u>                     |
| ISSUE GROUP III TOTAL | 3863                              | 15.2                           |
| GRAND TOTAL           | 25451                             | 100.0                          |



TABLE J - 2

NARF ALAMEDA REFERRALS AS A PERCENTAGE  
OF NSC OAKLAND WORKLOAD

| ISSUE<br>GROUP | NUMBER OF REQUISITIONS |                                    | PERCENTAGE OF WORKLOAD             |
|----------------|------------------------|------------------------------------|------------------------------------|
|                | <u>NARF</u>            | <u>NSC ALL<br/>LOCAL CUSTOMERS</u> | <u>NSC ALL<br/>LOCAL CUSTOMERS</u> |
| I              | 8933                   | 26461                              | 33.8                               |
| II             | 12655                  | 85663                              | 14.8                               |
| III            | <u>3863</u>            | <u>215581</u>                      | <u>1.8</u>                         |
| TOTAL          | 25451                  | 327705                             | 7.8                                |



TABLE J - 3

REQUISITION/REFERRAL SUBMISSION TIMES<sup>1</sup>  
(IN DAYS)

| <u>IPG</u> | <u>NARF</u> | <u>TOTAL LOCAL CUSTOMERS</u> |
|------------|-------------|------------------------------|
| I          | 7.2         | 4.7                          |
| II         | 7.7         | 6.4                          |
| III        | 6.4         | 7.2                          |
| AVERAGE    | 7.3         | 6.8                          |

<sup>1</sup>For all requisitions for which the difference between the date of preparation and date of receipt at NSC was greater than zero and not more than forty days.



TABLE J - 4

NARF REQUISITION QUANTITY  
VS. PRIORITY MATRIX

(PERCENTAGE OF REQUISITIONS)

| REQUISITION<br>QUANTITY | PRIORITY   |            |            |            |            |
|-------------------------|------------|------------|------------|------------|------------|
|                         | <u>2</u>   | <u>3</u>   | <u>6</u>   | <u>13</u>  | <u>ALL</u> |
| 1                       | 20.9(178)  | 21.9(1770) | 20.0(2511) | 9.2(221)   | 18.9(4803) |
| 2                       | 14.9(127)  | 12.9(1045) | 10.0(1263) | 5.5(134)   | 10.3(2628) |
| 3-10                    | 31.4( 54)  | 30.4( 543) | 30.8(1101) | 27.2(327)  | 29.7(2114) |
| 11-20                   | 8.7( 16)   | 10.9( 346) | 10.7( 496) | 14.3(131)  | 11.3(1082) |
| 21-50                   | 10.0( 23)  | 11.5( 255) | 14.0( 523) | 20.9(193)  | 14.2(1052) |
| 51-100                  | 6.0( 24)   | 5.6( 280)  | 7.2( 572)  | 12.2(220)  | 7.3(1149)  |
| 101-200                 | 3.4        | 3.1        | 3.2        | 4.8        | 3.5        |
| 201-300                 | 1.1        | 0.8        | 1.0        | 2.0        | 1.2        |
| 301-400                 | 0.5        | 0.3        | 0.4        | 0.5        | 0.5        |
| 400+                    | <u>3.1</u> | <u>2.6</u> | <u>2.7</u> | <u>3.4</u> | <u>3.1</u> |
|                         | 100        | 100        | 100        | 100        | 100        |



TABLE J - 5

NARF REQUISITION QUANTITY VS. PRIORITY MATRIX  
SUBMISSION TIME IN DAYS

| REQUISITION<br>QUANTITY | <u>2</u>   | <u>3</u>   | PRIORITY<br><u>6</u> | <u>13</u>  | <u>ALL</u> |
|-------------------------|------------|------------|----------------------|------------|------------|
| 1                       | 5.7        | 8.2        | 7.9                  | 5.7        | 7.8        |
| 2                       | 5.2        | 7.2        | 8.0                  | 7.0        | 7.5        |
| 3-10                    | 6.0        | 7.4        | 7.9                  | 6.7        | 7.5        |
| 11-20                   | 4.9        | 6.7        | 7.2                  | 6.7        | 6.9        |
| 21-50                   | 5.5        | 7.0        | 7.2                  | 6.2        | 6.9        |
| 51-100                  | 5.4        | 7.7        | 7.5                  | 6.1        | 7.2        |
| 101-200                 | 5.7        | 6.7        | 7.1                  | 5.4        | 6.6        |
| 201-300                 | 4.2        | 7.0        | 8.2                  | 6.0        | 7.1        |
| 301-400                 | 13.8       | 8.4        | 6.3                  | 5.4        | 7.1        |
| 400+                    | <u>5.2</u> | <u>7.0</u> | <u>7.2</u>           | <u>6.3</u> | <u>6.9</u> |
| AVERAGE                 | 5.6        | 7.4        | 7.7                  | 6.3        | 7.3        |



# APPENDIX K

## TABLE K - 1

### NARF REFERRALS COG SUMMARY<sup>1</sup> (NUMBER OF REQUISITIONS)

| <u>COG</u>                | <u>TOTAL</u> | <u>ISSUED</u> | <u>PERCENTAGE<br/>OF GROSS<br/>EFFECTIVENESS<sup>2</sup></u> |
|---------------------------|--------------|---------------|--------------------------------------------------------------|
| 1H                        | 197          | 148           | 75.1                                                         |
| 1I                        | 271          | 163           | 60.1                                                         |
| 1N                        | 1            | 0             | 0.0                                                          |
| 1R                        | 1038         | 104           | 10.0                                                         |
| 2H                        | 4            | 3             | 75.0                                                         |
| 2R                        | 15           | 5             | 33.3                                                         |
| 4G                        | 1            | 1             | 100.0                                                        |
| 4N                        | 1            | 1             | 100.0                                                        |
| 5N                        | 1            | 0             | 0.0                                                          |
| 5R                        | 286          | 276           | 96.5                                                         |
| 6G                        | 1            | 1             | 100.0                                                        |
| 6U                        | 2            | 2             | 100.0                                                        |
| 9A                        | 6            | 0             | 0.0                                                          |
| 9C                        | 7594         | 2851          | 37.5                                                         |
| 9D                        | 150          | 75            | 50.0                                                         |
| 9F                        | 15           | 4             | 26.7                                                         |
| 9G                        | 7306         | 3413          | 46.7                                                         |
| 9I                        | 1            | 0             | 0.0                                                          |
| 9J                        | 17           | 1             | 5.9                                                          |
| 9M                        | 2            | 0             | 0.0                                                          |
| 9N                        | 22931        | 8410          | 36.7                                                         |
| 9O                        | 4            | 2             | 50.0                                                         |
| 9Q                        | 61           | 33            | 54.1                                                         |
| 9V                        | 58           | 3             | 5.2                                                          |
| 9Y                        | 11           | 4             | 36.4                                                         |
| 9Z                        | <u>33685</u> | <u>10983</u>  | <u>32.6</u>                                                  |
| TOTAL<br>(COGs<br>listed) | 73660        | 26483         | 36.0                                                         |
| TOTAL<br>(All COGs)       | 73674        | 26491         | 36.0                                                         |

1 Summary of all COGs cited on at least 100 requisitions during the year.

2 This is only an approximation of POE effectiveness.



TABLE K - 2

## SPECIAL SUMMARY BY COG MANAGEMENT GROUPS

## MAJOR DLA MANAGED COGS

| <u>COG</u> | <u>TOTAL</u> | <u>ISSUED</u> | <u>PERCENTAGE<br/>OF GROSS<br/>EFFECTIVENESS</u> |
|------------|--------------|---------------|--------------------------------------------------|
| 9C         | 7594         | 2851          | 37.5                                             |
| 9D         | 150          | 75            | 50.0                                             |
| 9G         | 7306         | 3413          | 46.7                                             |
| 9N         | 22931        | 8410          | 36.7                                             |
| 9Z         | <u>33685</u> | <u>10983</u>  | <u>32.6</u>                                      |
| TOTAL      | 71666        | 25732         | 35.9                                             |

## MAJOR ASO MANAGED COGS

|       |           |          |             |
|-------|-----------|----------|-------------|
| 1R    | 1038      | 104      | 10.0        |
| 2R    | <u>15</u> | <u>5</u> | <u>33.3</u> |
| TOTAL | 1053      | 109      | 10.4        |

## WIMM COGS

|       |          |          |             |
|-------|----------|----------|-------------|
| 9F    | 15       | 4        | 26.7        |
| 9I    | 1        | 0        | 0.0         |
| 9J    | 17       | 1        | 5.9         |
| 9O    | <u>4</u> | <u>2</u> | <u>50.0</u> |
| TOTAL | 37       | 7        | 18.9        |



# APPENDIX L

## NSC OAKLAND LOCAL CUSTOMER ABC ANALYSIS BY NUMBER OF REQUISITIONS

| NUMBER<br>REQNS | NUMBER<br>NSNS | CUMULATIVE<br>NUMBER<br>NSNS | %CUMULATIVE<br>NUMBER<br>NSNS | CUMULATIVE<br>NUMBER<br>REQNS | % TOTAL<br>REQNS | CUMULATIVE %<br>TOTAL<br>REQNS |
|-----------------|----------------|------------------------------|-------------------------------|-------------------------------|------------------|--------------------------------|
| 309             | 1              | 1                            | C.CC1241                      | 100                           | U.00052          | 0.05052                        |
| 297             | 1              | 2                            | C.CC2442                      | 200                           | U.00051          | 0.10103                        |
| 288             | 1              | 3                            | C.CC3443                      | 300                           | U.00051          | 0.15154                        |
| 283             | 1              | 4                            | C.CC4444                      | 400                           | U.00051          | 0.20205                        |
| 272             | 1              | 5                            | C.CC5445                      | 500                           | U.00051          | 0.25256                        |
| 266             | 1              | 6                            | C.CC6446                      | 600                           | U.00051          | 0.30307                        |
| 227             | 1              | 7                            | C.CC7447                      | 700                           | U.00051          | 0.35358                        |
| 223             | 1              | 8                            | C.CC8448                      | 800                           | U.00051          | 0.40409                        |
| 217             | 1              | 9                            | C.CC9449                      | 900                           | U.00051          | 0.45460                        |
| 214             | 2              | 11                           | C.CC1331                      | 1100                          | U.00051          | 0.50511                        |
| 213             | 1              | 12                           | C.CC1432                      | 1200                          | U.00051          | 0.55562                        |
| 211             | 1              | 13                           | C.CC1533                      | 1300                          | U.00051          | 0.60613                        |
| 208             | 1              | 14                           | C.CC1634                      | 1400                          | U.00051          | 0.65664                        |
| 209             | 1              | 15                           | C.CC1735                      | 1500                          | U.00051          | 0.70715                        |
| 201             | 1              | 16                           | C.CC1836                      | 1600                          | U.00051          | 0.75766                        |
| 195             | 1              | 17                           | C.CC1937                      | 1700                          | U.00051          | 0.80817                        |
| 197             | 1              | 18                           | C.CC2038                      | 1800                          | U.00051          | 0.85868                        |
| 192             | 1              | 19                           | C.CC2139                      | 1900                          | U.00051          | 0.90919                        |
| 187             | 1              | 20                           | C.CC2240                      | 2000                          | U.00051          | 0.95970                        |
| 186             | 2              | 22                           | C.CC2341                      | 2200                          | U.00051          | 1.01021                        |
| 185             | 2              | 24                           | C.CC2442                      | 2400                          | U.00051          | 1.06072                        |
| 184             | 1              | 25                           | C.CC2543                      | 2500                          | U.00051          | 1.11123                        |
| 181             | 1              | 26                           | C.CC2644                      | 2600                          | U.00051          | 1.16174                        |
| 179             | 1              | 27                           | C.CC2745                      | 2700                          | U.00051          | 1.21225                        |
| 178             | 1              | 28                           | C.CC2846                      | 2800                          | U.00051          | 1.26276                        |
| 177             | 1              | 29                           | C.CC2947                      | 2900                          | U.00051          | 1.31327                        |
| 176             | 1              | 30                           | C.CC3048                      | 3000                          | U.00051          | 1.36378                        |
| 175             | 2              | 32                           | C.CC3149                      | 3200                          | U.00051          | 1.41429                        |
| 174             | 1              | 33                           | C.CC3250                      | 3300                          | U.00051          | 1.46480                        |
| 172             | 1              | 34                           | C.CC3351                      | 3400                          | U.00051          | 1.51531                        |
| 170             | 1              | 35                           | C.CC3452                      | 3500                          | U.00051          | 1.56582                        |
| 163             | 2              | 37                           | C.CC3553                      | 3700                          | U.00051          | 1.61633                        |
| 162             | 1              | 38                           | C.CC3654                      | 3800                          | U.00051          | 1.66684                        |
| 160             | 1              | 39                           | C.CC3755                      | 3900                          | U.00051          | 1.71735                        |
| 159             | 1              | 40                           | C.CC3856                      | 4000                          | U.00051          | 1.76786                        |
| 154             | 1              | 41                           | C.CC3957                      | 4100                          | U.00051          | 1.81837                        |
| 153             | 1              | 42                           | C.CC4058                      | 4200                          | U.00051          | 1.86888                        |
| 151             | 2              | 44                           | C.CC4159                      | 4400                          | U.00051          | 1.91939                        |
| 150             | 2              | 46                           | C.CC4260                      | 4600                          | U.00051          | 1.96990                        |
| 149             | 2              | 48                           | C.CC4361                      | 4800                          | U.00051          | 2.02041                        |
| 148             | 1              | 49                           | C.CC4462                      | 4900                          | U.00051          | 2.07092                        |
| 145             | 1              | 50                           | C.CC4563                      | 5000                          | U.00051          | 2.12143                        |
| 143             | 1              | 51                           | C.CC4664                      | 5100                          | U.00051          | 2.17194                        |
| 142             | 1              | 52                           | C.CC4765                      | 5200                          | U.00051          | 2.22245                        |
| 141             | 1              | 53                           | C.CC4866                      | 5300                          | U.00051          | 2.27296                        |
| 138             | 1              | 54                           | C.CC4967                      | 5400                          | U.00051          | 2.32347                        |
| 137             | 1              | 55                           | C.CC5068                      | 5500                          | U.00051          | 2.37398                        |
| 135             | 1              | 56                           | C.CC5169                      | 5600                          | U.00051          | 2.42449                        |
| 133             | 1              | 57                           | C.CC5270                      | 5700                          | U.00051          | 2.47500                        |
| 132             | 1              | 58                           | C.CC5371                      | 5800                          | U.00051          | 2.52551                        |
| 131             | 2              | 60                           | C.CC5472                      | 6000                          | U.00051          | 2.57602                        |
| 129             | 2              | 62                           | C.CC5573                      | 6200                          | U.00051          | 2.62653                        |
| 124             | 1              | 63                           | C.CC5674                      | 6300                          | U.00051          | 2.67704                        |
| 127             | 1              | 64                           | C.CC5775                      | 6400                          | U.00051          | 2.72755                        |
| 125             | 2              | 66                           | C.CC5876                      | 6600                          | U.00051          | 2.77806                        |
| 124             | 1              | 67                           | C.CC5977                      | 6700                          | U.00051          | 2.82857                        |
| 123             | 1              | 68                           | C.CC6078                      | 6800                          | U.00051          | 2.87908                        |
| 122             | 1              | 69                           | C.CC6179                      | 6900                          | U.00051          | 2.92959                        |
| 121             | 1              | 70                           | C.CC6280                      | 7000                          | U.00051          | 3.00010                        |
| 120             | 1              | 71                           | C.CC6381                      | 7100                          | U.00051          | 3.05061                        |
| 126             | 1              | 72                           | C.CC6482                      | 7200                          | U.00051          | 3.10112                        |
| 119             | 1              | 73                           | C.CC6583                      | 7300                          | U.00051          | 3.15163                        |
| 118             | 1              | 74                           | C.CC6684                      | 7400                          | U.00051          | 3.20214                        |
| 117             | 1              | 75                           | C.CC6785                      | 7500                          | U.00051          | 3.25265                        |
| 116             | 1              | 76                           | C.CC6886                      | 7600                          | U.00051          | 3.30316                        |
| 115             | 1              | 77                           | C.CC6987                      | 7700                          | U.00051          | 3.35367                        |
| 113             | 1              | 78                           | C.CC7088                      | 7800                          | U.00051          | 3.40418                        |
| 112             | 1              | 79                           | C.CC7189                      | 7900                          | U.00051          | 3.45469                        |
| 111             | 1              | 80                           | C.CC7290                      | 8000                          | U.00051          | 3.50520                        |
| 110             | 1              | 81                           | C.CC7391                      | 8100                          | U.00051          | 3.55571                        |
| 109             | 1              | 82                           | C.CC7492                      | 8200                          | U.00051          | 3.60622                        |
| 108             | 1              | 83                           | C.CC7593                      | 8300                          | U.00051          | 3.65673                        |
| 107             | 1              | 84                           | C.CC7694                      | 8400                          | U.00051          | 3.70724                        |
| 106             | 1              | 85                           | C.CC7795                      | 8500                          | U.00051          | 3.75775                        |
| 105             | 1              | 86                           | C.CC7896                      | 8600                          | U.00051          | 3.80826                        |
| 104             | 1              | 87                           | C.CC7997                      | 8700                          | U.00051          | 3.85877                        |
| 103             | 1              | 88                           | C.CC8098                      | 8800                          | U.00051          | 3.90928                        |
| 102             | 1              | 89                           | C.CC8199                      | 8900                          | U.00051          | 3.95979                        |
| 101             | 1              | 90                           | C.CC8300                      | 9000                          | U.00051          | 4.01030                        |
| 100             | 1              | 91                           | C.CC8401                      | 9100                          | U.00051          | 4.06081                        |
| 99              | 1              | 92                           | C.CC8502                      | 9200                          | U.00051          | 4.11132                        |
| 98              | 1              | 93                           | C.CC8603                      | 9300                          | U.00051          | 4.16183                        |
| 97              | 1              | 94                           | C.CC8704                      | 9400                          | U.00051          | 4.21234                        |
| 95              | 1              | 95                           | C.CC8805                      | 9500                          | U.00051          | 4.26285                        |



|    |   |     |         |    |       |     |       |     |
|----|---|-----|---------|----|-------|-----|-------|-----|
| 64 | 5 | 153 | 0.185   | 71 | 0.133 | 724 | 6.258 | 16  |
| 93 | 3 | 156 | C.18474 | 71 | 0.000 | 173 | 0.338 | 85  |
| 92 | 5 | 161 | C.18475 | 71 | 0.133 | 176 | 0.411 | 85  |
| 91 | 2 | 167 | C.18476 | 71 | 0.000 | 222 | 0.532 | 97  |
| 90 | 4 | 168 | C.23520 | 71 | 0.100 | 44  | 0.532 | 97  |
| 89 | 1 | 172 | C.23521 | 71 | 0.000 | 607 | 0.655 | 0   |
| 88 | 7 | 174 | C.23522 | 71 | 0.100 | 12  | 0.761 | 162 |
| 87 | 2 | 181 | C.23523 | 71 | 0.000 | 176 | 0.940 | 03  |
| 86 | 9 | 184 | C.23524 | 71 | 0.000 | 35  | 0.940 | 03  |
| 85 | 4 | 191 | C.23525 | 71 | 0.000 | 747 | 7.005 | 12  |
| 84 | 7 | 194 | C.23526 | 71 | 0.000 | 147 | 7.266 | 59  |
| 83 | 9 | 197 | C.23527 | 71 | 0.000 | 147 | 7.266 | 59  |
| 82 | 3 | 203 | C.23528 | 71 | 0.000 | 147 | 7.266 | 59  |
| 81 | 5 | 209 | C.23529 | 71 | 0.000 | 147 | 7.266 | 59  |
| 80 | 7 | 214 | C.23530 | 71 | 0.000 | 147 | 7.266 | 59  |
| 79 | 9 | 219 | C.23531 | 71 | 0.000 | 147 | 7.266 | 59  |
| 78 | 3 | 224 | C.23532 | 71 | 0.000 | 147 | 7.266 | 59  |
| 77 | 5 | 229 | C.23533 | 71 | 0.000 | 147 | 7.266 | 59  |
| 76 | 7 | 234 | C.23534 | 71 | 0.000 | 147 | 7.266 | 59  |
| 75 | 9 | 239 | C.23535 | 71 | 0.000 | 147 | 7.266 | 59  |
| 74 | 3 | 244 | C.23536 | 71 | 0.000 | 147 | 7.266 | 59  |
| 73 | 5 | 249 | C.23537 | 71 | 0.000 | 147 | 7.266 | 59  |
| 72 | 7 | 254 | C.23538 | 71 | 0.000 | 147 | 7.266 | 59  |
| 71 | 9 | 259 | C.23539 | 71 | 0.000 | 147 | 7.266 | 59  |
| 70 | 3 | 264 | C.23540 | 71 | 0.000 | 147 | 7.266 | 59  |
| 69 | 5 | 269 | C.23541 | 71 | 0.000 | 147 | 7.266 | 59  |
| 68 | 7 | 274 | C.23542 | 71 | 0.000 | 147 | 7.266 | 59  |
| 67 | 9 | 279 | C.23543 | 71 | 0.000 | 147 | 7.266 | 59  |
| 66 | 3 | 284 | C.23544 | 71 | 0.000 | 147 | 7.266 | 59  |
| 65 | 5 | 289 | C.23545 | 71 | 0.000 | 147 | 7.266 | 59  |
| 64 | 7 | 294 | C.23546 | 71 | 0.000 | 147 | 7.266 | 59  |
| 63 | 9 | 299 | C.23547 | 71 | 0.000 | 147 | 7.266 | 59  |
| 62 | 3 | 304 | C.23548 | 71 | 0.000 | 147 | 7.266 | 59  |
| 61 | 5 | 309 | C.23549 | 71 | 0.000 | 147 | 7.266 | 59  |
| 60 | 7 | 314 | C.23550 | 71 | 0.000 | 147 | 7.266 | 59  |
| 59 | 9 | 319 | C.23551 | 71 | 0.000 | 147 | 7.266 | 59  |
| 58 | 3 | 324 | C.23552 | 71 | 0.000 | 147 | 7.266 | 59  |
| 57 | 5 | 329 | C.23553 | 71 | 0.000 | 147 | 7.266 | 59  |
| 56 | 7 | 334 | C.23554 | 71 | 0.000 | 147 | 7.266 | 59  |
| 55 | 9 | 339 | C.23555 | 71 | 0.000 | 147 | 7.266 | 59  |
| 54 | 3 | 344 | C.23556 | 71 | 0.000 | 147 | 7.266 | 59  |
| 53 | 5 | 349 | C.23557 | 71 | 0.000 | 147 | 7.266 | 59  |
| 52 | 7 | 354 | C.23558 | 71 | 0.000 | 147 | 7.266 | 59  |
| 51 | 9 | 359 | C.23559 | 71 | 0.000 | 147 | 7.266 | 59  |
| 50 | 3 | 364 | C.23560 | 71 | 0.000 | 147 | 7.266 | 59  |
| 49 | 5 | 369 | C.23561 | 71 | 0.000 | 147 | 7.266 | 59  |
| 48 | 7 | 374 | C.23562 | 71 | 0.000 | 147 | 7.266 | 59  |
| 47 | 9 | 379 | C.23563 | 71 | 0.000 | 147 | 7.266 | 59  |
| 46 | 3 | 384 | C.23564 | 71 | 0.000 | 147 | 7.266 | 59  |
| 45 | 5 | 389 | C.23565 | 71 | 0.000 | 147 | 7.266 | 59  |
| 44 | 7 | 394 | C.23566 | 71 | 0.000 | 147 | 7.266 | 59  |
| 43 | 9 | 399 | C.23567 | 71 | 0.000 | 147 | 7.266 | 59  |
| 42 | 3 | 404 | C.23568 | 71 | 0.000 | 147 | 7.266 | 59  |
| 41 | 5 | 409 | C.23569 | 71 | 0.000 | 147 | 7.266 | 59  |
| 40 | 7 | 414 | C.23570 | 71 | 0.000 | 147 | 7.266 | 59  |
| 39 | 9 | 419 | C.23571 | 71 | 0.000 | 147 | 7.266 | 59  |
| 38 | 3 | 424 | C.23572 | 71 | 0.000 | 147 | 7.266 | 59  |
| 37 | 5 | 429 | C.23573 | 71 | 0.000 | 147 | 7.266 | 59  |
| 36 | 7 | 434 | C.23574 | 71 | 0.000 | 147 | 7.266 | 59  |
| 35 | 9 | 439 | C.23575 | 71 | 0.000 | 147 | 7.266 | 59  |
| 34 | 3 | 444 | C.23576 | 71 | 0.000 | 147 | 7.266 | 59  |
| 33 | 5 | 449 | C.23577 | 71 | 0.000 | 147 | 7.266 | 59  |
| 32 | 7 | 454 | C.23578 | 71 | 0.000 | 147 | 7.266 | 59  |
| 31 | 9 | 459 | C.23579 | 71 | 0.000 | 147 | 7.266 | 59  |
| 30 | 3 | 464 | C.23580 | 71 | 0.000 | 147 | 7.266 | 59  |
| 29 | 5 | 469 | C.23581 | 71 | 0.000 | 147 | 7.266 | 59  |
| 28 | 7 | 474 | C.23582 | 71 | 0.000 | 147 | 7.266 | 59  |
| 27 | 9 | 479 | C.23583 | 71 | 0.000 | 147 | 7.266 | 59  |
| 26 | 3 | 484 | C.23584 | 71 | 0.000 | 147 | 7.266 | 59  |
| 25 | 5 | 489 | C.23585 | 71 | 0.000 | 147 | 7.266 | 59  |
| 24 | 7 | 494 | C.23586 | 71 | 0.000 | 147 | 7.266 | 59  |
| 23 | 9 | 499 | C.23587 | 71 | 0.000 | 147 | 7.266 | 59  |
| 22 | 3 | 504 | C.23588 | 71 | 0.000 | 147 | 7.266 | 59  |
| 21 | 5 | 509 | C.23589 | 71 | 0.000 | 147 | 7.266 | 59  |
| 20 | 7 | 514 | C.23590 | 71 | 0.000 | 147 | 7.266 | 59  |
| 19 | 9 | 519 | C.23591 | 71 | 0.000 | 147 | 7.266 | 59  |
| 18 | 3 | 524 | C.23592 | 71 | 0.000 | 147 | 7.266 | 59  |
| 17 | 5 | 529 | C.23593 | 71 | 0.000 | 147 | 7.266 | 59  |
| 16 | 7 | 534 | C.23594 | 71 | 0.000 | 147 | 7.266 | 59  |
| 15 | 9 | 539 | C.23595 | 71 | 0.000 | 147 | 7.266 | 59  |
| 14 | 3 | 544 | C.23596 | 71 | 0.000 | 147 | 7.266 | 59  |
| 13 | 5 | 549 | C.23597 | 71 | 0.000 | 147 | 7.266 | 59  |
| 12 | 7 | 554 | C.23598 | 71 | 0.000 | 147 | 7.266 | 59  |
| 11 | 9 | 559 | C.23599 | 71 | 0.000 | 147 | 7.266 | 59  |
| 10 | 3 | 564 | C.23600 | 71 | 0.000 | 147 | 7.266 | 59  |
| 9  | 5 | 569 | C.23601 | 71 | 0.000 | 147 | 7.266 | 59  |
| 8  | 7 | 574 | C.23602 | 71 | 0.000 | 147 | 7.266 | 59  |
| 7  | 9 | 579 | C.23603 | 71 | 0.000 | 147 | 7.266 | 59  |
| 6  | 3 | 584 | C.23604 | 71 | 0.000 | 147 | 7.266 | 59  |
| 5  | 5 | 589 | C.23605 | 71 | 0.000 | 147 | 7.266 | 59  |
| 4  | 7 | 594 | C.23606 | 71 | 0.000 | 147 | 7.266 | 59  |
| 3  | 9 | 599 | C.23607 | 71 | 0.000 | 147 | 7.266 | 59  |
| 2  | 3 | 604 | C.23608 | 71 | 0.000 | 147 | 7.266 | 59  |
| 1  | 5 | 609 | C.23609 | 71 | 0.000 | 147 | 7.266 | 59  |



| REON QTY | NUMBER REONS | CUMULATIVE REONS | % TOTAL REONS | TOTAL REONS | % OF CUM TOTAL REON | CUMULATIVE % TOTAL REON |
|----------|--------------|------------------|---------------|-------------|---------------------|-------------------------|
| 5000     | 361          | 361              | G.10577       | 1805000.    | H.55454             | 8.55454                 |
| 4995     | 1            | 362              | C.10607       | 1804999.    | U.C2460             | 8.55454                 |
| 4992     | 2            | 364              | C.10705       | 1804997.    | U.C4553             | 8.55454                 |
| 4980     | 1            | 365              | C.10724       | 1804996.    | U.C4553             | 8.55454                 |
| 4950     | 1            | 366              | C.10724       | 1804995.    | U.C4553             | 8.55454                 |
| 4932     | 1            | 367              | C.10724       | 1804994.    | U.C4553             | 8.55454                 |
| 4900     | 4            | 371              | C.10742       | 1804990.    | U.C2447             | 8.55454                 |
| 4885     | 1            | 372              | C.10742       | 1804989.    | U.C2447             | 8.55454                 |
| 4838     | 1            | 373              | C.10742       | 1804988.    | U.C2447             | 8.55454                 |
| 4818     | 1            | 374              | C.10742       | 1804987.    | U.C2447             | 8.55454                 |
| 4814     | 1            | 375              | C.10742       | 1804986.    | U.C2447             | 8.55454                 |
| 4812     | 1            | 376              | C.10742       | 1804985.    | U.C2447             | 8.55454                 |
| 4800     | 1            | 377              | C.10742       | 1804984.    | U.C2447             | 8.55454                 |
| 4778     | 2            | 379              | C.10742       | 1804982.    | U.C2447             | 8.55454                 |
| 4771     | 1            | 380              | C.10742       | 1804981.    | U.C2447             | 8.55454                 |
| 4744     | 1            | 381              | C.10742       | 1804980.    | U.C2447             | 8.55454                 |
| 4723     | 1            | 382              | C.10742       | 1804979.    | U.C2447             | 8.55454                 |
| 4720     | 1            | 383              | C.10742       | 1804978.    | U.C2447             | 8.55454                 |
| 4700     | 2            | 385              | C.10742       | 1804976.    | U.C2447             | 8.55454                 |
| 4650     | 1            | 386              | C.10742       | 1804975.    | U.C2447             | 8.55454                 |
| 4633     | 1            | 387              | C.10742       | 1804974.    | U.C2447             | 8.55454                 |
| 4600     | 1            | 388              | C.10742       | 1804973.    | U.C2447             | 8.55454                 |
| 4597     | 6            | 394              | C.10742       | 1804967.    | U.C2447             | 8.55454                 |
| 4584     | 1            | 395              | C.10742       | 1804966.    | U.C2447             | 8.55454                 |
| 4575     | 1            | 396              | C.10742       | 1804965.    | U.C2447             | 8.55454                 |
| 4560     | 2            | 398              | C.10742       | 1804963.    | U.C2447             | 8.55454                 |
| 4553     | 1            | 399              | C.10742       | 1804962.    | U.C2447             | 8.55454                 |
| 4543     | 1            | 400              | C.10742       | 1804961.    | U.C2447             | 8.55454                 |
| 4500     | 22           | 422              | C.10742       | 1804939.    | U.C2447             | 8.55454                 |
| 4477     | 1            | 423              | C.10742       | 1804938.    | U.C2447             | 8.55454                 |
| 4475     | 1            | 424              | C.10742       | 1804937.    | U.C2447             | 8.55454                 |
| 4458     | 1            | 425              | C.10742       | 1804936.    | U.C2447             | 8.55454                 |
| 4455     | 2            | 427              | C.10742       | 1804934.    | U.C2447             | 8.55454                 |
| 4440     | 1            | 428              | C.10742       | 1804933.    | U.C2447             | 8.55454                 |
| 4428     | 1            | 429              | C.10742       | 1804932.    | U.C2447             | 8.55454                 |
| 4416     | 2            | 431              | C.10742       | 1804930.    | U.C2447             | 8.55454                 |
| 4402     | 1            | 432              | C.10742       | 1804929.    | U.C2447             | 8.55454                 |
| 4400     | 7            | 439              | C.10742       | 1804922.    | U.C2447             | 8.55454                 |
| 4388     | 1            | 440              | C.10742       | 1804921.    | U.C2447             | 8.55454                 |
| 4368     | 1            | 441              | C.10742       | 1804920.    | U.C2447             | 8.55454                 |
| 4330     | 1            | 442              | C.10742       | 1804919.    | U.C2447             | 8.55454                 |
| 4320     | 2            | 444              | C.10742       | 1804917.    | U.C2447             | 8.55454                 |
| 4302     | 1            | 445              | C.10742       | 1804916.    | U.C2447             | 8.55454                 |
| 4300     | 6            | 451              | C.10742       | 1804910.    | U.C2447             | 8.55454                 |
| 4291     | 1            | 452              | C.10742       | 1804909.    | U.C2447             | 8.55454                 |
| 4285     | 1            | 453              | C.10742       | 1804908.    | U.C2447             | 8.55454                 |
| 4275     | 1            | 454              | C.10742       | 1804907.    | U.C2447             | 8.55454                 |
| 4250     | 2            | 456              | C.10742       | 1804905.    | U.C2447             | 8.55454                 |
| 4225     | 1            | 457              | C.10742       | 1804904.    | U.C2447             | 8.55454                 |
| 4202     | 1            | 458              | C.10742       | 1804903.    | U.C2447             | 8.55454                 |
| 4200     | 7            | 465              | C.10742       | 1804896.    | U.C2447             | 8.55454                 |
| 4185     | 1            | 466              | C.10742       | 1804895.    | U.C2447             | 8.55454                 |
| 4176     | 1            | 467              | C.10742       | 1804894.    | U.C2447             | 8.55454                 |
| 4150     | 1            | 468              | C.10742       | 1804893.    | U.C2447             | 8.55454                 |
| 4134     | 5            | 473              | C.10742       | 1804888.    | U.C2447             | 8.55454                 |
| 4100     | 1            | 474              | C.10742       | 1804887.    | U.C2447             | 8.55454                 |
| 4095     | 1            | 475              | C.10742       | 1804886.    | U.C2447             | 8.55454                 |
| 4092     | 1            | 476              | C.10742       | 1804885.    | U.C2447             | 8.55454                 |
| 4085     | 1            | 477              | C.10742       | 1804884.    | U.C2447             | 8.55454                 |
| 4180     | 2            | 479              | C.10742       | 1804882.    | U.C2447             | 8.55454                 |
| 4075     | 2            | 481              | C.10742       | 1804880.    | U.C2447             | 8.55454                 |
| 4056     | 1            | 482              | C.10742       | 1804879.    | U.C2447             | 8.55454                 |
| 4050     | 1            | 483              | C.10742       | 1804878.    | U.C2447             | 8.55454                 |
| 4036     | 1            | 484              | C.10742       | 1804877.    | U.C2447             | 8.55454                 |
| 4033     | 1            | 485              | C.10742       | 1804876.    | U.C2447             | 8.55454                 |
| 4032     | 3            | 488              | C.10742       | 1804873.    | U.C2447             | 8.55454                 |
| 4024     | 1            | 489              | C.10742       | 1804872.    | U.C2447             | 8.55454                 |
| 4008     | 1            | 490              | C.10742       | 1804871.    | U.C2447             | 8.55454                 |
| 4000     | 43           | 533              | C.10742       | 1804828.    | U.C2447             | 8.55454                 |
| 3999     | 1            | 534              | C.10742       | 1804827.    | U.C2447             | 8.55454                 |
| 3991     | 1            | 535              | C.10742       | 1804826.    | U.C2447             | 8.55454                 |
| 3990     | 1            | 536              | C.10742       | 1804825.    | U.C2447             | 8.55454                 |
| 3960     | 2            | 538              | C.10742       | 1804823.    | U.C2447             | 8.55454                 |
| 3935     | 1            | 539              | C.10742       | 1804822.    | U.C2447             | 8.55454                 |
| 3914     | 1            | 540              | C.10742       | 1804821.    | U.C2447             | 8.55454                 |
| 3906     | 1            | 541              | C.10742       | 1804820.    | U.C2447             | 8.55454                 |
| 3905     | 1            | 542              | C.10742       | 1804819.    | U.C2447             | 8.55454                 |
| 3903     | 1            | 543              | C.10742       | 1804818.    | U.C2447             | 8.55454                 |
| 3901     | 1            | 544              | C.10742       | 1804817.    | U.C2447             | 8.55454                 |



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[illegible]



[illegible]







|      |   |      |         |     |        |         |     |         |
|------|---|------|---------|-----|--------|---------|-----|---------|
| 1672 | 1 | 1672 | 0.51545 | 22  | 0.1147 | 0.00000 | 35  | 0.15258 |
| 1670 | 1 | 1670 | 0.51433 | 23  | 0.1124 | 0.00000 | 36  | 0.15258 |
| 1668 | 1 | 1668 | 0.51321 | 24  | 0.1101 | 0.00000 | 37  | 0.15258 |
| 1666 | 1 | 1666 | 0.51209 | 25  | 0.1078 | 0.00000 | 38  | 0.15258 |
| 1664 | 1 | 1664 | 0.51097 | 26  | 0.1055 | 0.00000 | 39  | 0.15258 |
| 1662 | 1 | 1662 | 0.50985 | 27  | 0.1032 | 0.00000 | 40  | 0.15258 |
| 1660 | 1 | 1660 | 0.50873 | 28  | 0.1009 | 0.00000 | 41  | 0.15258 |
| 1658 | 1 | 1658 | 0.50761 | 29  | 0.0986 | 0.00000 | 42  | 0.15258 |
| 1656 | 1 | 1656 | 0.50649 | 30  | 0.0963 | 0.00000 | 43  | 0.15258 |
| 1654 | 1 | 1654 | 0.50537 | 31  | 0.0940 | 0.00000 | 44  | 0.15258 |
| 1652 | 1 | 1652 | 0.50425 | 32  | 0.0917 | 0.00000 | 45  | 0.15258 |
| 1650 | 1 | 1650 | 0.50313 | 33  | 0.0894 | 0.00000 | 46  | 0.15258 |
| 1648 | 1 | 1648 | 0.50201 | 34  | 0.0871 | 0.00000 | 47  | 0.15258 |
| 1646 | 1 | 1646 | 0.50089 | 35  | 0.0848 | 0.00000 | 48  | 0.15258 |
| 1644 | 1 | 1644 | 0.49977 | 36  | 0.0825 | 0.00000 | 49  | 0.15258 |
| 1642 | 1 | 1642 | 0.49865 | 37  | 0.0802 | 0.00000 | 50  | 0.15258 |
| 1640 | 1 | 1640 | 0.49753 | 38  | 0.0779 | 0.00000 | 51  | 0.15258 |
| 1638 | 1 | 1638 | 0.49641 | 39  | 0.0756 | 0.00000 | 52  | 0.15258 |
| 1636 | 1 | 1636 | 0.49529 | 40  | 0.0733 | 0.00000 | 53  | 0.15258 |
| 1634 | 1 | 1634 | 0.49417 | 41  | 0.0710 | 0.00000 | 54  | 0.15258 |
| 1632 | 1 | 1632 | 0.49305 | 42  | 0.0687 | 0.00000 | 55  | 0.15258 |
| 1630 | 1 | 1630 | 0.49193 | 43  | 0.0664 | 0.00000 | 56  | 0.15258 |
| 1628 | 1 | 1628 | 0.49081 | 44  | 0.0641 | 0.00000 | 57  | 0.15258 |
| 1626 | 1 | 1626 | 0.48969 | 45  | 0.0618 | 0.00000 | 58  | 0.15258 |
| 1624 | 1 | 1624 | 0.48857 | 46  | 0.0595 | 0.00000 | 59  | 0.15258 |
| 1622 | 1 | 1622 | 0.48745 | 47  | 0.0572 | 0.00000 | 60  | 0.15258 |
| 1620 | 1 | 1620 | 0.48633 | 48  | 0.0549 | 0.00000 | 61  | 0.15258 |
| 1618 | 1 | 1618 | 0.48521 | 49  | 0.0526 | 0.00000 | 62  | 0.15258 |
| 1616 | 1 | 1616 | 0.48409 | 50  | 0.0503 | 0.00000 | 63  | 0.15258 |
| 1614 | 1 | 1614 | 0.48297 | 51  | 0.0480 | 0.00000 | 64  | 0.15258 |
| 1612 | 1 | 1612 | 0.48185 | 52  | 0.0457 | 0.00000 | 65  | 0.15258 |
| 1610 | 1 | 1610 | 0.48073 | 53  | 0.0434 | 0.00000 | 66  | 0.15258 |
| 1608 | 1 | 1608 | 0.47961 | 54  | 0.0411 | 0.00000 | 67  | 0.15258 |
| 1606 | 1 | 1606 | 0.47849 | 55  | 0.0388 | 0.00000 | 68  | 0.15258 |
| 1604 | 1 | 1604 | 0.47737 | 56  | 0.0365 | 0.00000 | 69  | 0.15258 |
| 1602 | 1 | 1602 | 0.47625 | 57  | 0.0342 | 0.00000 | 70  | 0.15258 |
| 1600 | 1 | 1600 | 0.47513 | 58  | 0.0319 | 0.00000 | 71  | 0.15258 |
| 1598 | 1 | 1598 | 0.47401 | 59  | 0.0296 | 0.00000 | 72  | 0.15258 |
| 1596 | 1 | 1596 | 0.47289 | 60  | 0.0273 | 0.00000 | 73  | 0.15258 |
| 1594 | 1 | 1594 | 0.47177 | 61  | 0.0250 | 0.00000 | 74  | 0.15258 |
| 1592 | 1 | 1592 | 0.47065 | 62  | 0.0227 | 0.00000 | 75  | 0.15258 |
| 1590 | 1 | 1590 | 0.46953 | 63  | 0.0204 | 0.00000 | 76  | 0.15258 |
| 1588 | 1 | 1588 | 0.46841 | 64  | 0.0181 | 0.00000 | 77  | 0.15258 |
| 1586 | 1 | 1586 | 0.46729 | 65  | 0.0158 | 0.00000 | 78  | 0.15258 |
| 1584 | 1 | 1584 | 0.46617 | 66  | 0.0135 | 0.00000 | 79  | 0.15258 |
| 1582 | 1 | 1582 | 0.46505 | 67  | 0.0112 | 0.00000 | 80  | 0.15258 |
| 1580 | 1 | 1580 | 0.46393 | 68  | 0.0089 | 0.00000 | 81  | 0.15258 |
| 1578 | 1 | 1578 | 0.46281 | 69  | 0.0066 | 0.00000 | 82  | 0.15258 |
| 1576 | 1 | 1576 | 0.46169 | 70  | 0.0043 | 0.00000 | 83  | 0.15258 |
| 1574 | 1 | 1574 | 0.46057 | 71  | 0.0020 | 0.00000 | 84  | 0.15258 |
| 1572 | 1 | 1572 | 0.45945 | 72  | 0.0000 | 0.00000 | 85  | 0.15258 |
| 1570 | 1 | 1570 | 0.45833 | 73  | 0.0000 | 0.00000 | 86  | 0.15258 |
| 1568 | 1 | 1568 | 0.45721 | 74  | 0.0000 | 0.00000 | 87  | 0.15258 |
| 1566 | 1 | 1566 | 0.45609 | 75  | 0.0000 | 0.00000 | 88  | 0.15258 |
| 1564 | 1 | 1564 | 0.45497 | 76  | 0.0000 | 0.00000 | 89  | 0.15258 |
| 1562 | 1 | 1562 | 0.45385 | 77  | 0.0000 | 0.00000 | 90  | 0.15258 |
| 1560 | 1 | 1560 | 0.45273 | 78  | 0.0000 | 0.00000 | 91  | 0.15258 |
| 1558 | 1 | 1558 | 0.45161 | 79  | 0.0000 | 0.00000 | 92  | 0.15258 |
| 1556 | 1 | 1556 | 0.45049 | 80  | 0.0000 | 0.00000 | 93  | 0.15258 |
| 1554 | 1 | 1554 | 0.44937 | 81  | 0.0000 | 0.00000 | 94  | 0.15258 |
| 1552 | 1 | 1552 | 0.44825 | 82  | 0.0000 | 0.00000 | 95  | 0.15258 |
| 1550 | 1 | 1550 | 0.44713 | 83  | 0.0000 | 0.00000 | 96  | 0.15258 |
| 1548 | 1 | 1548 | 0.44601 | 84  | 0.0000 | 0.00000 | 97  | 0.15258 |
| 1546 | 1 | 1546 | 0.44489 | 85  | 0.0000 | 0.00000 | 98  | 0.15258 |
| 1544 | 1 | 1544 | 0.44377 | 86  | 0.0000 | 0.00000 | 99  | 0.15258 |
| 1542 | 1 | 1542 | 0.44265 | 87  | 0.0000 | 0.00000 | 100 | 0.15258 |
| 1540 | 1 | 1540 | 0.44153 | 88  | 0.0000 | 0.00000 |     |         |
| 1538 | 1 | 1538 | 0.44041 | 89  | 0.0000 | 0.00000 |     |         |
| 1536 | 1 | 1536 | 0.43929 | 90  | 0.0000 | 0.00000 |     |         |
| 1534 | 1 | 1534 | 0.43817 | 91  | 0.0000 | 0.00000 |     |         |
| 1532 | 1 | 1532 | 0.43705 | 92  | 0.0000 | 0.00000 |     |         |
| 1530 | 1 | 1530 | 0.43593 | 93  | 0.0000 | 0.00000 |     |         |
| 1528 | 1 | 1528 | 0.43481 | 94  | 0.0000 | 0.00000 |     |         |
| 1526 | 1 | 1526 | 0.43369 | 95  | 0.0000 | 0.00000 |     |         |
| 1524 | 1 | 1524 | 0.43257 | 96  | 0.0000 | 0.00000 |     |         |
| 1522 | 1 | 1522 | 0.43145 | 97  | 0.0000 | 0.00000 |     |         |
| 1520 | 1 | 1520 | 0.43033 | 98  | 0.0000 | 0.00000 |     |         |
| 1518 | 1 | 1518 | 0.42921 | 99  | 0.0000 | 0.00000 |     |         |
| 1516 | 1 | 1516 | 0.42809 | 100 | 0.0000 | 0.00000 |     |         |
| 1514 | 1 | 1514 | 0.42697 |     |        |         |     |         |
| 1512 | 1 | 1512 | 0.42585 |     |        |         |     |         |
| 1510 | 1 | 1510 | 0.42473 |     |        |         |     |         |
| 1508 | 1 | 1508 | 0.42361 |     |        |         |     |         |
| 1506 | 1 | 1506 | 0.42249 |     |        |         |     |         |
| 1504 | 1 | 1504 | 0.42137 |     |        |         |     |         |
| 1502 | 1 | 1502 | 0.42025 |     |        |         |     |         |
| 1500 | 1 | 1500 | 0.41913 |     |        |         |     |         |
| 1498 | 1 | 1498 | 0.41801 |     |        |         |     |         |
| 1496 | 1 | 1496 | 0.41689 |     |        |         |     |         |
| 1494 | 1 | 1494 | 0.41577 |     |        |         |     |         |
| 1492 | 1 | 1492 | 0.41465 |     |        |         |     |         |
| 1490 | 1 | 1490 | 0.41353 |     |        |         |     |         |
| 1488 | 1 | 1488 | 0.41241 |     |        |         |     |         |
| 1486 | 1 | 1486 | 0.41129 |     |        |         |     |         |
| 1484 | 1 | 1484 | 0.41017 |     |        |         |     |         |
| 1482 | 1 | 1482 | 0.40905 |     |        |         |     |         |
| 1480 | 1 | 1480 | 0.40793 |     |        |         |     |         |
| 1478 | 1 | 1478 | 0.40681 |     |        |         |     |         |
| 1476 | 1 | 1476 | 0.40569 |     |        |         |     |         |
| 1474 | 1 | 1474 | 0.40457 |     |        |         |     |         |
| 1472 | 1 | 1472 | 0.40345 |     |        |         |     |         |
| 1470 | 1 | 1470 | 0.40233 |     |        |         |     |         |
| 1468 | 1 | 1468 | 0.40121 |     |        |         |     |         |
| 1466 | 1 | 1466 | 0.40009 |     |        |         |     |         |
| 1464 | 1 | 1464 | 0.39897 |     |        |         |     |         |
| 1462 | 1 | 1462 | 0.39785 |     |        |         |     |         |
| 1460 | 1 | 1460 | 0.39673 |     |        |         |     |         |
| 1458 | 1 | 1458 | 0.39561 |     |        |         |     |         |
| 1456 | 1 | 1456 | 0.39449 |     |        |         |     |         |
| 1454 | 1 | 1454 | 0.39337 |     |        |         |     |         |
| 1452 | 1 | 1452 | 0.39225 |     |        |         |     |         |
| 1450 | 1 | 1450 | 0.39113 |     |        |         |     |         |
| 1448 | 1 | 1448 | 0.39001 |     |        |         |     |         |
| 1446 | 1 | 1446 | 0.38889 |     |        |         |     |         |
| 1444 | 1 | 1444 | 0.38777 |     |        |         |     |         |
| 1442 | 1 | 1442 | 0.38665 |     |        |         |     |         |
| 1440 | 1 | 1440 | 0.38553 |     |        |         |     |         |
| 1438 | 1 | 1438 | 0.38441 |     |        |         |     |         |
| 1436 | 1 | 1436 | 0.38329 |     |        |         |     |         |
| 1434 | 1 | 1434 | 0.38217 |     |        |         |     |         |
| 1432 | 1 | 1432 | 0.38105 |     |        |         |     |         |
| 1430 | 1 | 1430 | 0.37993 |     |        |         |     |         |
| 1428 | 1 | 1428 | 0.37881 |     |        |         |     |         |
| 1426 | 1 | 1426 | 0.37769 |     |        |         |     |         |
| 1424 | 1 | 1424 | 0.37657 |     |        |         |     |         |
| 1422 | 1 | 1422 | 0.37545 |     |        |         |     |         |
| 1420 | 1 | 1420 | 0.37433 |     |        |         |     |         |
| 1418 | 1 | 1418 | 0.37321 |     |        |         |     |         |
| 1416 | 1 | 1416 | 0.37209 |     |        |         |     |         |
| 1414 | 1 | 1414 | 0.37097 |     |        |         |     |         |
| 1412 | 1 | 1412 | 0.36985 |     |        |         |     |         |
| 1410 | 1 | 1410 | 0.36873 |     |        |         |     |         |
| 1408 | 1 | 1408 | 0.36761 |     |        |         |     |         |
| 1406 | 1 | 1406 | 0.36649 |     |        |         |     |         |
| 1404 | 1 | 1404 | 0.36537 |     |        |         |     |         |
| 1402 | 1 | 1402 | 0.36425 |     |        |         |     |         |
| 1400 | 1 | 1400 | 0.36313 |     |        |         |     |         |
| 1398 | 1 | 1398 | 0.36201 |     |        |         |     |         |
| 1396 | 1 | 1396 | 0.36089 |     |        |         |     |         |
| 1394 | 1 | 1394 | 0.35977 |     |        |         |     |         |
| 1392 | 1 | 1392 | 0.35865 |     |        |         |     |         |
| 1390 | 1 | 1390 | 0.35753 |     |        |         |     |         |
| 1388 | 1 | 1388 | 0.35641 |     |        |         |     |         |
| 1386 | 1 | 1386 | 0.35529 |     |        |         |     |         |
| 1384 | 1 | 1384 | 0.35417 |     |        |         |     |         |
| 1382 | 1 | 1382 | 0.35305 |     |        |         |     |         |
| 1380 | 1 | 1380 | 0.35193 |     |        |         |     |         |
| 1378 | 1 | 1378 | 0.35081 |     |        |         |     |         |
| 1376 | 1 | 1376 | 0.34969 |     |        |         |     |         |
| 1374 | 1 | 1374 | 0.34857 |     |        |         |     |         |
| 1372 | 1 | 1372 | 0.34745 |     |        |         |     |         |
| 1370 | 1 | 1370 | 0.34633 |     |        |         |     |         |
| 1368 | 1 | 1368 | 0.34521 |     |        |         |     |         |
| 1366 | 1 | 1366 | 0.34409 |     |        |         |     |         |
| 1364 | 1 | 1364 | 0.34297 |     |        |         |     |         |
| 1362 | 1 | 1362 | 0.34185 |     |        |         |     |         |
| 1360 | 1 | 1360 | 0.34073 |     |        |         |     |         |
| 1358 | 1 | 1358 | 0.33961 |     |        |         |     |         |
| 1356 | 1 | 1356 | 0.33849 |     |        |         |     |         |
| 1354 | 1 | 1354 | 0.33737 |     |        |         |     |         |
| 1352 | 1 | 1352 | 0.33625 |     |        |         |     |         |
| 1350 | 1 | 1350 | 0.33513 |     |        |         |     |         |
| 1348 | 1 | 1348 | 0.33401 |     |        |         |     |         |
| 1346 | 1 | 1346 | 0.33289 |     |        |         |     |         |
| 1344 | 1 | 1344 | 0.33177 |     |        |         |     |         |
| 1342 | 1 | 1342 | 0.33065 |     |        |         |     |         |
| 1340 | 1 | 1340 | 0.32953 |     |        |         |     |         |
| 1338 | 1 |      |         |     |        |         |     |         |



|      |   |      |         |         |          |           |
|------|---|------|---------|---------|----------|-----------|
| 1417 | 1 | 2406 | C.70467 | 215A67. | 0.000713 | 33.51477  |
| 1416 | 1 | 2407 | C.70468 | 215A68. | 0.000712 | 33.522679 |
| 1415 | 1 | 2408 | C.70469 | 215A69. | 0.000711 | 33.530591 |
| 1414 | 1 | 2409 | C.70470 | 215A70. | 0.000710 | 33.538503 |
| 1413 | 1 | 2410 | C.70471 | 215A71. | 0.000709 | 33.546415 |
| 1412 | 1 | 2411 | C.70472 | 215A72. | 0.000708 | 33.554327 |
| 1411 | 1 | 2412 | C.70473 | 215A73. | 0.000707 | 33.562239 |
| 1410 | 1 | 2413 | C.70474 | 215A74. | 0.000706 | 33.570151 |
| 1409 | 1 | 2414 | C.70475 | 215A75. | 0.000705 | 33.578063 |
| 1408 | 1 | 2415 | C.70476 | 215A76. | 0.000704 | 33.585975 |
| 1407 | 1 | 2416 | C.70477 | 215A77. | 0.000703 | 33.593887 |
| 1406 | 1 | 2417 | C.70478 | 215A78. | 0.000702 | 33.601799 |
| 1405 | 1 | 2418 | C.70479 | 215A79. | 0.000701 | 33.609711 |
| 1404 | 1 | 2419 | C.70480 | 215A80. | 0.000700 | 33.617623 |
| 1403 | 1 | 2420 | C.70481 | 215A81. | 0.000699 | 33.625535 |
| 1402 | 1 | 2421 | C.70482 | 215A82. | 0.000698 | 33.633447 |
| 1401 | 1 | 2422 | C.70483 | 215A83. | 0.000697 | 33.641359 |
| 1400 | 1 | 2423 | C.70484 | 215A84. | 0.000696 | 33.649271 |
| 1399 | 1 | 2424 | C.70485 | 215A85. | 0.000695 | 33.657183 |
| 1398 | 1 | 2425 | C.70486 | 215A86. | 0.000694 | 33.665095 |
| 1397 | 1 | 2426 | C.70487 | 215A87. | 0.000693 | 33.673007 |
| 1396 | 1 | 2427 | C.70488 | 215A88. | 0.000692 | 33.680919 |
| 1395 | 1 | 2428 | C.70489 | 215A89. | 0.000691 | 33.688831 |
| 1394 | 1 | 2429 | C.70490 | 215A90. | 0.000690 | 33.696743 |
| 1393 | 1 | 2430 | C.70491 | 215A91. | 0.000689 | 33.704655 |
| 1392 | 1 | 2431 | C.70492 | 215A92. | 0.000688 | 33.712567 |
| 1391 | 1 | 2432 | C.70493 | 215A93. | 0.000687 | 33.720479 |
| 1390 | 1 | 2433 | C.70494 | 215A94. | 0.000686 | 33.728391 |
| 1389 | 1 | 2434 | C.70495 | 215A95. | 0.000685 | 33.736303 |
| 1388 | 1 | 2435 | C.70496 | 215A96. | 0.000684 | 33.744215 |
| 1387 | 1 | 2436 | C.70497 | 215A97. | 0.000683 | 33.752127 |
| 1386 | 1 | 2437 | C.70498 | 215A98. | 0.000682 | 33.760039 |
| 1385 | 1 | 2438 | C.70499 | 215A99. | 0.000681 | 33.767951 |
| 1384 | 1 | 2439 | C.70500 | 215A00. | 0.000680 | 33.775863 |
| 1383 | 1 | 2440 | C.70501 | 215A01. | 0.000679 | 33.783775 |
| 1382 | 1 | 2441 | C.70502 | 215A02. | 0.000678 | 33.791687 |
| 1381 | 1 | 2442 | C.70503 | 215A03. | 0.000677 | 33.799599 |
| 1380 | 1 | 2443 | C.70504 | 215A04. | 0.000676 | 33.807511 |
| 1379 | 1 | 2444 | C.70505 | 215A05. | 0.000675 | 33.815423 |
| 1378 | 1 | 2445 | C.70506 | 215A06. | 0.000674 | 33.823335 |
| 1377 | 1 | 2446 | C.70507 | 215A07. | 0.000673 | 33.831247 |
| 1376 | 1 | 2447 | C.70508 | 215A08. | 0.000672 | 33.839159 |
| 1375 | 1 | 2448 | C.70509 | 215A09. | 0.000671 | 33.847071 |
| 1374 | 1 | 2449 | C.70510 | 215A10. | 0.000670 | 33.854983 |
| 1373 | 1 | 2450 | C.70511 | 215A11. | 0.000669 | 33.862895 |
| 1372 | 1 | 2451 | C.70512 | 215A12. | 0.000668 | 33.870807 |
| 1371 | 1 | 2452 | C.70513 | 215A13. | 0.000667 | 33.878719 |
| 1370 | 1 | 2453 | C.70514 | 215A14. | 0.000666 | 33.886631 |
| 1369 | 1 | 2454 | C.70515 | 215A15. | 0.000665 | 33.894543 |
| 1368 | 1 | 2455 | C.70516 | 215A16. | 0.000664 | 33.902455 |
| 1367 | 1 | 2456 | C.70517 | 215A17. | 0.000663 | 33.910367 |
| 1366 | 1 | 2457 | C.70518 | 215A18. | 0.000662 | 33.918279 |
| 1365 | 1 | 2458 | C.70519 | 215A19. | 0.000661 | 33.926191 |
| 1364 | 1 | 2459 | C.70520 | 215A20. | 0.000660 | 33.934103 |
| 1363 | 1 | 2460 | C.70521 | 215A21. | 0.000659 | 33.942015 |
| 1362 | 1 | 2461 | C.70522 | 215A22. | 0.000658 | 33.949927 |
| 1361 | 1 | 2462 | C.70523 | 215A23. | 0.000657 | 33.957839 |
| 1360 | 1 | 2463 | C.70524 | 215A24. | 0.000656 | 33.965751 |
| 1359 | 1 | 2464 | C.70525 | 215A25. | 0.000655 | 33.973663 |
| 1358 | 1 | 2465 | C.70526 | 215A26. | 0.000654 | 33.981575 |
| 1357 | 1 | 2466 | C.70527 | 215A27. | 0.000653 | 33.989487 |
| 1356 | 1 | 2467 | C.70528 | 215A28. | 0.000652 | 33.997399 |
| 1355 | 1 | 2468 | C.70529 | 215A29. | 0.000651 | 34.005311 |
| 1354 | 1 | 2469 | C.70530 | 215A30. | 0.000650 | 34.013223 |
| 1353 | 1 | 2470 | C.70531 | 215A31. | 0.000649 | 34.021135 |
| 1352 | 1 | 2471 | C.70532 | 215A32. | 0.000648 | 34.029047 |
| 1351 | 1 | 2472 | C.70533 | 215A33. | 0.000647 | 34.036959 |
| 1350 | 1 | 2473 | C.70534 | 215A34. | 0.000646 | 34.044871 |
| 1349 | 1 | 2474 | C.70535 | 215A35. | 0.000645 | 34.052783 |
| 1348 | 1 | 2475 | C.70536 | 215A36. | 0.000644 | 34.060695 |
| 1347 | 1 | 2476 | C.70537 | 215A37. | 0.000643 | 34.068607 |
| 1346 | 1 | 2477 | C.70538 | 215A38. | 0.000642 | 34.076519 |
| 1345 | 1 | 2478 | C.70539 | 215A39. | 0.000641 | 34.084431 |
| 1344 | 1 | 2479 | C.70540 | 215A40. | 0.000640 | 34.092343 |
| 1343 | 1 | 2480 | C.70541 | 215A41. | 0.000639 | 34.100255 |
| 1342 | 1 | 2481 | C.70542 | 215A42. | 0.000638 | 34.108167 |
| 1341 | 1 | 2482 | C.70543 | 215A43. | 0.000637 | 34.116079 |
| 1340 | 1 | 2483 | C.70544 | 215A44. | 0.000636 | 34.123991 |
| 1339 | 1 | 2484 | C.70545 | 215A45. | 0.000635 | 34.131903 |
| 1338 | 1 | 2485 | C.70546 | 215A46. | 0.000634 | 34.139815 |
| 1337 | 1 | 2486 | C.70547 | 215A47. | 0.000633 | 34.147727 |
| 1336 | 1 | 2487 | C.70548 | 215A48. | 0.000632 | 34.155639 |
| 1335 | 1 | 2488 | C.70549 | 215A49. | 0.000631 | 34.163551 |
| 1334 | 1 | 2489 | C.70550 | 215A50. | 0.000630 | 34.171463 |
| 1333 | 1 | 2490 | C.70551 | 215A51. | 0.000629 | 34.179375 |
| 1332 | 1 | 2491 | C.70552 | 215A52. | 0.000628 | 34.187287 |
| 1331 | 1 | 2492 | C.70553 | 215A53. | 0.000627 | 34.195199 |
| 1330 | 1 | 2493 | C.70554 | 215A54. | 0.000626 | 34.203111 |
| 1329 | 1 | 2494 | C.70555 | 215A55. | 0.000625 | 34.211023 |
| 1328 | 1 | 2495 | C.70556 | 215A56. | 0.000624 | 34.218935 |
| 1327 | 1 | 2496 | C.70557 | 215A57. | 0.000623 | 34.226847 |
| 1326 | 1 | 2497 | C.70558 | 215A58. | 0.000622 | 34.234759 |
| 1325 | 1 | 2498 | C.70559 | 215A59. | 0.000621 | 34.242671 |
| 1324 | 1 | 2499 | C.70560 | 215A60. | 0.000620 | 34.250583 |
| 1323 | 1 | 2500 | C.70561 | 215A61. | 0.000619 | 34.258495 |
| 1322 | 1 | 2501 | C.70562 | 215A62. | 0.000618 | 34.266407 |
| 1321 | 1 | 2502 | C.70563 | 215A63. | 0.000617 | 34.274319 |
| 1320 | 1 | 2503 | C.70564 | 215A64. | 0.000616 | 34.282231 |
| 1319 | 1 | 2504 | C.70565 | 215A65. | 0.000615 | 34.290143 |
| 1318 | 1 | 2505 | C.70566 | 215A66. | 0.000614 | 34.298055 |
| 1317 | 1 | 2506 | C.70567 | 215A67. | 0.000613 | 34.305967 |
| 1316 | 1 | 2507 | C.70568 | 215A68. | 0.000612 | 34.313879 |
| 1315 | 1 | 2508 | C.70569 | 215A69. | 0.000611 | 34.321791 |
| 1314 | 1 | 2509 | C.70570 | 215A70. | 0.000610 | 34.329703 |
| 1313 | 1 | 2510 | C.70571 | 215A71. | 0.000609 | 34.337615 |
| 1312 | 1 | 2511 | C.70572 | 215A72. | 0.000608 | 34.345527 |
| 1311 | 1 | 2512 | C.70573 | 215A73. | 0.000607 | 34.353439 |
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| 1309 | 1 | 2514 | C.70575 | 215A75. | 0.000605 | 34.369263 |
| 1308 | 1 | 2515 | C.70576 | 215A76. | 0.000604 | 34.377175 |
| 1307 | 1 | 2516 | C.70577 | 215A77. | 0.000603 | 34.385087 |
| 1306 | 1 | 2517 | C.70578 | 215A78. | 0.000602 | 34.392999 |
| 1305 | 1 | 2518 | C.70579 | 215A79. | 0.000601 | 34.400911 |
| 1304 | 1 | 2519 | C.70580 | 215A80. | 0.000600 | 34.408823 |
| 1303 | 1 | 2520 | C.70581 | 215A81. | 0.000599 | 34.416735 |
| 1302 | 1 | 2521 | C.70582 | 215A82. | 0.000598 | 34.424647 |
| 1301 | 1 | 2522 | C.70583 | 215A83. | 0.000597 | 34.432559 |
| 1300 | 1 | 2523 | C.70584 | 215A84. | 0.000596 | 34.440471 |
| 1299 | 1 | 2524 | C.70585 | 215A85. | 0.000595 | 34.448383 |
| 1298 | 1 | 2525 | C.70586 | 215A86. | 0.000594 | 34.456295 |
| 1297 | 1 | 2526 | C.70587 | 215A87. | 0.000593 | 34.464207 |
| 1296 | 1 | 2527 | C.70588 | 215A88. | 0.000592 | 34.472119 |
| 1295 | 1 | 2528 | C.70589 | 215A89. | 0.000591 | 34.480031 |
| 1294 | 1 | 2529 | C.70590 | 215A90. | 0.000590 | 34.487943 |
| 1293 | 1 | 2530 | C.70591 | 215A91. | 0.000589 | 34.495855 |
| 1292 | 1 | 2531 | C.70592 | 215A92. | 0.000588 | 34.503767 |
| 1291 | 1 | 2532 | C.70593 | 215A93. | 0.000587 | 34.511679 |
| 1290 | 1 | 2533 | C.70594 | 215A94. | 0.000586 | 34.519591 |
| 1289 | 1 | 2534 | C.70595 | 215A95. | 0.000585 | 34.527503 |
| 1288 | 1 | 2535 | C.70596 | 215A96. | 0.000584 | 34.535415 |
| 1287 | 1 | 2536 | C.70597 | 215A97. | 0.000583 | 34.543327 |
| 1286 | 1 | 2537 | C.70598 | 215A98. | 0.000582 | 34.551239 |
| 1285 | 1 | 2538 | C.70599 | 215A99. | 0.000581 | 34.559151 |
| 1284 | 1 | 2539 | C.70600 | 215A00. | 0.000580 | 34.567063 |
| 1283 | 1 | 2540 | C.70601 | 215A01. | 0.000579 | 34.574975 |
| 1282 | 1 | 2541 | C.70602 | 215A02. | 0.000578 | 34.582887 |
| 1281 | 1 | 2542 | C.70603 | 215A03. | 0.000577 | 34.590799 |
| 1280 | 1 | 2543 | C.70604 | 215A04. | 0.000576 | 34.598711 |
| 1279 | 1 | 2544 | C.70605 | 215A05. | 0.000575 | 34.606623 |
| 1278 | 1 | 2545 | C.70606 | 215A06. | 0.000574 | 34.614535 |
| 1277 | 1 | 2546 | C.70607 | 215A07. | 0.000573 | 34.622447 |
| 1276 | 1 | 2547 | C.70608 | 215A08. | 0.000572 | 34.630359 |
| 1275 | 1 | 2548 | C.70609 | 215A09. | 0.000571 | 34.638271 |
| 1274 | 1 | 2549 | C.70610 | 215A10. | 0.000570 | 34.646183 |
| 1273 | 1 | 2550 | C.70611 | 215A11. | 0.000569 | 34.654095 |
| 1272 | 1 | 2551 | C.70612 | 215A12. | 0.000568 | 34.662007 |
| 1271 | 1 | 2552 | C.70613 | 215A13. | 0.000567 | 34.669919 |
| 1270 | 1 | 2553 | C.70614 | 215A14. | 0.000566 | 34.677831 |
| 1269 | 1 | 2554 | C.70615 | 215A15. | 0.000565 | 34.685743 |
| 1268 | 1 | 2555 | C.70616 | 215A16. | 0.000564 | 34.693655 |
| 1267 | 1 | 2556 | C.70617 | 215A17. | 0.000563 | 34.701567 |
| 1266 | 1 | 2557 | C.70618 | 215A18. | 0.000562 | 34.709479 |
| 1265 | 1 | 2558 | C.70619 | 215A19. | 0.000561 | 34.717391 |
| 1264 | 1 | 2559 | C.70620 | 215A20. | 0.000560 | 34.725303 |
| 1263 | 1 | 2560 | C.70621 | 215A21. | 0.000559 | 34.733215 |
| 1262 | 1 | 2561 | C.70622 | 215A22. | 0.000558 | 34.741127 |
| 1261 | 1 | 2562 | C.70623 | 215A23. | 0.000557 | 34.749039 |
| 1260 | 1 | 2563 | C.70624 | 215A24. | 0.000556 | 34.756951 |
| 1259 | 1 | 2564 | C.70    |         |          |           |







[illegible]



|     |   |      |         |          |         |           |
|-----|---|------|---------|----------|---------|-----------|
| 934 | 1 | 4102 | 1.21477 | E71C6E7. | 0.00413 | 43.311379 |
| 931 | 1 | 4103 | 1.21476 | E711617. | 0.00472 | 43.311200 |
| 930 | 1 | 4104 | 1.21475 | E712407. | 0.00455 | 43.310754 |
| 929 | 1 | 4105 | 1.21474 | E712408. | 0.00466 | 43.310776 |
| 928 | 1 | 4106 | 1.21473 | E712409. | 0.00466 | 43.310693 |
| 927 | 1 | 4107 | 1.21472 | E712410. | 0.00466 | 43.310611 |
| 926 | 1 | 4108 | 1.21471 | E712411. | 0.00466 | 43.310528 |
| 925 | 1 | 4109 | 1.21470 | E712412. | 0.00466 | 43.310445 |
| 924 | 1 | 4110 | 1.21469 | E712413. | 0.00466 | 43.310362 |
| 923 | 1 | 4111 | 1.21468 | E712414. | 0.00466 | 43.310279 |
| 922 | 1 | 4112 | 1.21467 | E712415. | 0.00466 | 43.310196 |
| 921 | 1 | 4113 | 1.21466 | E712416. | 0.00466 | 43.310113 |
| 920 | 1 | 4114 | 1.21465 | E712417. | 0.00466 | 43.310030 |
| 919 | 1 | 4115 | 1.21464 | E712418. | 0.00466 | 43.309947 |
| 918 | 1 | 4116 | 1.21463 | E712419. | 0.00466 | 43.309864 |
| 917 | 1 | 4117 | 1.21462 | E712420. | 0.00466 | 43.309781 |
| 916 | 1 | 4118 | 1.21461 | E712421. | 0.00466 | 43.309698 |
| 915 | 1 | 4119 | 1.21460 | E712422. | 0.00466 | 43.309615 |
| 914 | 1 | 4120 | 1.21459 | E712423. | 0.00466 | 43.309532 |
| 913 | 1 | 4121 | 1.21458 | E712424. | 0.00466 | 43.309449 |
| 912 | 1 | 4122 | 1.21457 | E712425. | 0.00466 | 43.309366 |
| 911 | 1 | 4123 | 1.21456 | E712426. | 0.00466 | 43.309283 |
| 910 | 1 | 4124 | 1.21455 | E712427. | 0.00466 | 43.309199 |
| 909 | 1 | 4125 | 1.21454 | E712428. | 0.00466 | 43.309116 |
| 908 | 1 | 4126 | 1.21453 | E712429. | 0.00466 | 43.309033 |
| 907 | 1 | 4127 | 1.21452 | E712430. | 0.00466 | 43.308950 |
| 906 | 1 | 4128 | 1.21451 | E712431. | 0.00466 | 43.308867 |
| 905 | 1 | 4129 | 1.21450 | E712432. | 0.00466 | 43.308784 |
| 904 | 1 | 4130 | 1.21449 | E712433. | 0.00466 | 43.308701 |
| 903 | 1 | 4131 | 1.21448 | E712434. | 0.00466 | 43.308618 |
| 902 | 1 | 4132 | 1.21447 | E712435. | 0.00466 | 43.308535 |
| 901 | 1 | 4133 | 1.21446 | E712436. | 0.00466 | 43.308452 |
| 900 | 1 | 4134 | 1.21445 | E712437. | 0.00466 | 43.308369 |
| 899 | 1 | 4135 | 1.21444 | E712438. | 0.00466 | 43.308286 |
| 898 | 1 | 4136 | 1.21443 | E712439. | 0.00466 | 43.308203 |
| 897 | 1 | 4137 | 1.21442 | E712440. | 0.00466 | 43.308120 |
| 896 | 1 | 4138 | 1.21441 | E712441. | 0.00466 | 43.308037 |
| 895 | 1 | 4139 | 1.21440 | E712442. | 0.00466 | 43.307954 |
| 894 | 1 | 4140 | 1.21439 | E712443. | 0.00466 | 43.307871 |
| 893 | 1 | 4141 | 1.21438 | E712444. | 0.00466 | 43.307788 |
| 892 | 1 | 4142 | 1.21437 | E712445. | 0.00466 | 43.307705 |
| 891 | 1 | 4143 | 1.21436 | E712446. | 0.00466 | 43.307622 |
| 890 | 1 | 4144 | 1.21435 | E712447. | 0.00466 | 43.307539 |
| 889 | 1 | 4145 | 1.21434 | E712448. | 0.00466 | 43.307456 |
| 888 | 1 | 4146 | 1.21433 | E712449. | 0.00466 | 43.307373 |
| 887 | 1 | 4147 | 1.21432 | E712450. | 0.00466 | 43.307290 |
| 886 | 1 | 4148 | 1.21431 | E712451. | 0.00466 | 43.307207 |
| 885 | 1 | 4149 | 1.21430 | E712452. | 0.00466 | 43.307124 |
| 884 | 1 | 4150 | 1.21429 | E712453. | 0.00466 | 43.307041 |
| 883 | 1 | 4151 | 1.21428 | E712454. | 0.00466 | 43.306958 |
| 882 | 1 | 4152 | 1.21427 | E712455. | 0.00466 | 43.306875 |
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| 988  | 4771 | 1.34650 | 5112474 | 0.012182 | 45.63226 |
| 989  | 4772 | 1.34651 | 5112480 | 0.012188 | 45.63527 |
| 990  | 4773 | 1.34652 | 5112486 | 0.012194 | 45.63828 |
| 991  | 4774 | 1.34653 | 5112492 | 0.012200 | 45.64129 |
| 992  | 4775 | 1.34654 | 5112498 | 0.012206 | 45.64430 |
| 993  | 4776 | 1.34655 | 5112504 | 0.012212 | 45.64731 |
| 994  | 4777 | 1.34656 | 5112510 | 0.012218 | 45.65032 |
| 995  | 4778 | 1.34657 | 5112516 | 0.012224 | 45.65333 |
| 996  | 4779 | 1.34658 | 5112522 | 0.012230 | 45.65634 |
| 997  | 4780 | 1.34659 | 5112528 | 0.012236 | 45.65935 |
| 998  | 4781 | 1.34660 | 5112534 | 0.012242 | 45.66236 |
| 999  | 4782 | 1.34661 | 5112540 | 0.012248 | 45.66537 |
| 1000 | 4783 | 1.34662 | 5112546 | 0.012254 | 45.66838 |



AD-A092 663

NAVAL POSTGRADUATE SCHOOL MONTEREY CA  
PRE-CONSOLIDATION SUPPLY SUPPORT FOR NARF ALAMEDA AND NSC OAKLA--ETC(U)  
SEP 80 B HRABOSKY, W A OWEN, R G POPP

F/G 15/5

UNCLASSIFIED

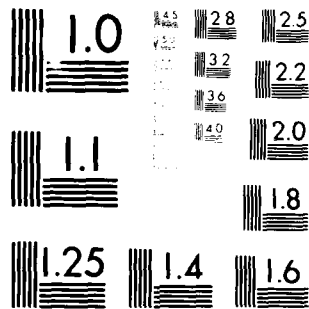
NL

3 OF 6

NO  
ADDITIONS







MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



[illegible]







|     |   |      |         |     |    |     |         |
|-----|---|------|---------|-----|----|-----|---------|
| 514 | 1 | 718  | 1.58303 | 124 | 0. | 514 | 51.4331 |
| 513 | 1 | 6769 | 1.58332 | 125 | 0. | 513 | 51.4331 |
| 512 | 1 | 6773 | 1.58344 | 126 | 0. | 512 | 51.4331 |
| 511 | 1 | 6774 | 1.58372 | 127 | 0. | 511 | 51.4331 |
| 510 | 1 | 6775 | 1.58374 | 128 | 0. | 510 | 51.4331 |
| 509 | 1 | 6776 | 1.58383 | 129 | 0. | 509 | 51.4331 |
| 508 | 1 | 6777 | 1.58383 | 130 | 0. | 508 | 51.4331 |
| 507 | 1 | 6778 | 1.58383 | 131 | 0. | 507 | 51.4331 |
| 506 | 1 | 6779 | 1.58383 | 132 | 0. | 506 | 51.4331 |
| 505 | 1 | 6780 | 1.58383 | 133 | 0. | 505 | 51.4331 |
| 504 | 1 | 6781 | 1.58383 | 134 | 0. | 504 | 51.4331 |
| 503 | 1 | 6782 | 1.58383 | 135 | 0. | 503 | 51.4331 |
| 502 | 1 | 6783 | 1.58383 | 136 | 0. | 502 | 51.4331 |
| 501 | 1 | 6784 | 1.58383 | 137 | 0. | 501 | 51.4331 |
| 500 | 1 | 6785 | 1.58383 | 138 | 0. | 500 | 51.4331 |
| 499 | 1 | 6786 | 1.58383 | 139 | 0. | 499 | 51.4331 |
| 498 | 1 | 6787 | 1.58383 | 140 | 0. | 498 | 51.4331 |
| 497 | 1 | 6788 | 1.58383 | 141 | 0. | 497 | 51.4331 |
| 496 | 1 | 6789 | 1.58383 | 142 | 0. | 496 | 51.4331 |
| 495 | 1 | 6790 | 1.58383 | 143 | 0. | 495 | 51.4331 |
| 494 | 1 | 6791 | 1.58383 | 144 | 0. | 494 | 51.4331 |
| 493 | 1 | 6792 | 1.58383 | 145 | 0. | 493 | 51.4331 |
| 492 | 1 | 6793 | 1.58383 | 146 | 0. | 492 | 51.4331 |
| 491 | 1 | 6794 | 1.58383 | 147 | 0. | 491 | 51.4331 |
| 490 | 1 | 6795 | 1.58383 | 148 | 0. | 490 | 51.4331 |
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| 482 | 1 | 6803 | 1.58383 | 156 | 0. | 482 | 51.4331 |
| 481 | 1 | 6804 | 1.58383 | 157 | 0. | 481 | 51.4331 |
| 480 | 1 | 6805 | 1.58383 | 158 | 0. | 480 | 51.4331 |
| 479 | 1 | 6806 | 1.58383 | 159 | 0. | 479 | 51.4331 |
| 478 | 1 | 6807 | 1.58383 | 160 | 0. | 478 | 51.4331 |
| 477 | 1 | 6808 | 1.58383 | 161 | 0. | 477 | 51.4331 |
| 476 | 1 | 6809 | 1.58383 | 162 | 0. | 476 | 51.4331 |
| 475 | 1 | 6810 | 1.58383 | 163 | 0. | 475 | 51.4331 |
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| 473 | 1 | 6812 | 1.58383 | 165 | 0. | 473 | 51.4331 |
| 472 | 1 | 6813 | 1.58383 | 166 | 0. | 472 | 51.4331 |
| 471 | 1 | 6814 | 1.58383 | 167 | 0. | 471 | 51.4331 |
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| 375 | 1 | 6910 | 1.58383 | 263 | 0. | 375 | 51.4331 |
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|     |      |       |         |           |          |          |
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| 327 | 5    | 10855 | 3.28777 | 12406010. | 0.000000 | 61.24057 |
| 326 | 30   | 10860 | 3.29103 | 12406010. | 0.000000 | 61.24057 |
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| 324 | 8    | 10870 | 3.29777 | 12406010. | 0.000000 | 61.24057 |
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| 322 | 4    | 10880 | 3.30426 | 12406010. | 0.000000 | 61.24057 |
| 321 | 8    | 10885 | 3.30777 | 12406010. | 0.000000 | 61.24057 |
| 320 | 91   | 10890 | 3.31103 | 12406010. | 0.000000 | 61.24057 |
| 319 | 3    | 10895 | 3.31426 | 12406010. | 0.000000 | 61.24057 |
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| 306 | 13   | 10960 | 3.35777 | 12406010. | 0.000000 | 61.24057 |
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| 302 | 11   | 10980 | 3.37103 | 12406010. | 0.000000 | 61.24057 |
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| 283 | 4    | 11075 | 3.43426 | 12406010. | 0.000000 | 61.24057 |
| 282 | 5    | 11080 | 3.43777 | 12406010. | 0.000000 | 61.24057 |
| 281 | 5    | 11085 | 3.44103 | 12406010. | 0.000000 | 61.24057 |
| 280 | 4    | 11090 | 3.44426 | 12406010. | 0.000000 | 61.24057 |
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| 278 | 24   | 11100 | 3.45103 | 12406010. | 0.000000 | 61.24057 |
| 277 | 4    | 11105 | 3.45426 | 12406010. | 0.000000 | 61.24057 |
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| 273 | 15   | 11125 | 3.46777 | 12406010. | 0.000000 | 61.24057 |
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| 271 | 8    | 11135 | 3.47426 | 12406010. | 0.000000 | 61.24057 |
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| 267 | 4    | 11155 | 3.48777 | 12406010. | 0.000000 | 61.24057 |



|     |     |       |          |       |          |           |
|-----|-----|-------|----------|-------|----------|-----------|
| 266 | 12  | 13753 | 4.024176 | 13753 | 0.017094 | 25.817656 |
| 265 | 13  | 13746 | 4.024177 | 13746 | 0.017093 | 25.817655 |
| 264 | 14  | 13740 | 4.024178 | 13740 | 0.017092 | 25.817654 |
| 263 | 15  | 13734 | 4.024179 | 13734 | 0.017091 | 25.817653 |
| 262 | 16  | 13728 | 4.024180 | 13728 | 0.017090 | 25.817652 |
| 261 | 17  | 13722 | 4.024181 | 13722 | 0.017089 | 25.817651 |
| 260 | 18  | 13716 | 4.024182 | 13716 | 0.017088 | 25.817650 |
| 259 | 19  | 13710 | 4.024183 | 13710 | 0.017087 | 25.817649 |
| 258 | 20  | 13704 | 4.024184 | 13704 | 0.017086 | 25.817648 |
| 257 | 21  | 13698 | 4.024185 | 13698 | 0.017085 | 25.817647 |
| 256 | 22  | 13692 | 4.024186 | 13692 | 0.017084 | 25.817646 |
| 255 | 23  | 13686 | 4.024187 | 13686 | 0.017083 | 25.817645 |
| 254 | 24  | 13680 | 4.024188 | 13680 | 0.017082 | 25.817644 |
| 253 | 25  | 13674 | 4.024189 | 13674 | 0.017081 | 25.817643 |
| 252 | 26  | 13668 | 4.024190 | 13668 | 0.017080 | 25.817642 |
| 251 | 27  | 13662 | 4.024191 | 13662 | 0.017079 | 25.817641 |
| 250 | 28  | 13656 | 4.024192 | 13656 | 0.017078 | 25.817640 |
| 249 | 29  | 13650 | 4.024193 | 13650 | 0.017077 | 25.817639 |
| 248 | 30  | 13644 | 4.024194 | 13644 | 0.017076 | 25.817638 |
| 247 | 31  | 13638 | 4.024195 | 13638 | 0.017075 | 25.817637 |
| 246 | 32  | 13632 | 4.024196 | 13632 | 0.017074 | 25.817636 |
| 245 | 33  | 13626 | 4.024197 | 13626 | 0.017073 | 25.817635 |
| 244 | 34  | 13620 | 4.024198 | 13620 | 0.017072 | 25.817634 |
| 243 | 35  | 13614 | 4.024199 | 13614 | 0.017071 | 25.817633 |
| 242 | 36  | 13608 | 4.024200 | 13608 | 0.017070 | 25.817632 |
| 241 | 37  | 13602 | 4.024201 | 13602 | 0.017069 | 25.817631 |
| 240 | 38  | 13596 | 4.024202 | 13596 | 0.017068 | 25.817630 |
| 239 | 39  | 13590 | 4.024203 | 13590 | 0.017067 | 25.817629 |
| 238 | 40  | 13584 | 4.024204 | 13584 | 0.017066 | 25.817628 |
| 237 | 41  | 13578 | 4.024205 | 13578 | 0.017065 | 25.817627 |
| 236 | 42  | 13572 | 4.024206 | 13572 | 0.017064 | 25.817626 |
| 235 | 43  | 13566 | 4.024207 | 13566 | 0.017063 | 25.817625 |
| 234 | 44  | 13560 | 4.024208 | 13560 | 0.017062 | 25.817624 |
| 233 | 45  | 13554 | 4.024209 | 13554 | 0.017061 | 25.817623 |
| 232 | 46  | 13548 | 4.024210 | 13548 | 0.017060 | 25.817622 |
| 231 | 47  | 13542 | 4.024211 | 13542 | 0.017059 | 25.817621 |
| 230 | 48  | 13536 | 4.024212 | 13536 | 0.017058 | 25.817620 |
| 229 | 49  | 13530 | 4.024213 | 13530 | 0.017057 | 25.817619 |
| 228 | 50  | 13524 | 4.024214 | 13524 | 0.017056 | 25.817618 |
| 227 | 51  | 13518 | 4.024215 | 13518 | 0.017055 | 25.817617 |
| 226 | 52  | 13512 | 4.024216 | 13512 | 0.017054 | 25.817616 |
| 225 | 53  | 13506 | 4.024217 | 13506 | 0.017053 | 25.817615 |
| 224 | 54  | 13500 | 4.024218 | 13500 | 0.017052 | 25.817614 |
| 223 | 55  | 13494 | 4.024219 | 13494 | 0.017051 | 25.817613 |
| 222 | 56  | 13488 | 4.024220 | 13488 | 0.017050 | 25.817612 |
| 221 | 57  | 13482 | 4.024221 | 13482 | 0.017049 | 25.817611 |
| 220 | 58  | 13476 | 4.024222 | 13476 | 0.017048 | 25.817610 |
| 219 | 59  | 13470 | 4.024223 | 13470 | 0.017047 | 25.817609 |
| 218 | 60  | 13464 | 4.024224 | 13464 | 0.017046 | 25.817608 |
| 217 | 61  | 13458 | 4.024225 | 13458 | 0.017045 | 25.817607 |
| 216 | 62  | 13452 | 4.024226 | 13452 | 0.017044 | 25.817606 |
| 215 | 63  | 13446 | 4.024227 | 13446 | 0.017043 | 25.817605 |
| 214 | 64  | 13440 | 4.024228 | 13440 | 0.017042 | 25.817604 |
| 213 | 65  | 13434 | 4.024229 | 13434 | 0.017041 | 25.817603 |
| 212 | 66  | 13428 | 4.024230 | 13428 | 0.017040 | 25.817602 |
| 211 | 67  | 13422 | 4.024231 | 13422 | 0.017039 | 25.817601 |
| 210 | 68  | 13416 | 4.024232 | 13416 | 0.017038 | 25.817600 |
| 209 | 69  | 13410 | 4.024233 | 13410 | 0.017037 | 25.817599 |
| 208 | 70  | 13404 | 4.024234 | 13404 | 0.017036 | 25.817598 |
| 207 | 71  | 13398 | 4.024235 | 13398 | 0.017035 | 25.817597 |
| 206 | 72  | 13392 | 4.024236 | 13392 | 0.017034 | 25.817596 |
| 205 | 73  | 13386 | 4.024237 | 13386 | 0.017033 | 25.817595 |
| 204 | 74  | 13380 | 4.024238 | 13380 | 0.017032 | 25.817594 |
| 203 | 75  | 13374 | 4.024239 | 13374 | 0.017031 | 25.817593 |
| 202 | 76  | 13368 | 4.024240 | 13368 | 0.017030 | 25.817592 |
| 201 | 77  | 13362 | 4.024241 | 13362 | 0.017029 | 25.817591 |
| 200 | 78  | 13356 | 4.024242 | 13356 | 0.017028 | 25.817590 |
| 199 | 79  | 13350 | 4.024243 | 13350 | 0.017027 | 25.817589 |
| 198 | 80  | 13344 | 4.024244 | 13344 | 0.017026 | 25.817588 |
| 197 | 81  | 13338 | 4.024245 | 13338 | 0.017025 | 25.817587 |
| 196 | 82  | 13332 | 4.024246 | 13332 | 0.017024 | 25.817586 |
| 195 | 83  | 13326 | 4.024247 | 13326 | 0.017023 | 25.817585 |
| 194 | 84  | 13320 | 4.024248 | 13320 | 0.017022 | 25.817584 |
| 193 | 85  | 13314 | 4.024249 | 13314 | 0.017021 | 25.817583 |
| 192 | 86  | 13308 | 4.024250 | 13308 | 0.017020 | 25.817582 |
| 191 | 87  | 13302 | 4.024251 | 13302 | 0.017019 | 25.817581 |
| 190 | 88  | 13296 | 4.024252 | 13296 | 0.017018 | 25.817580 |
| 189 | 89  | 13290 | 4.024253 | 13290 | 0.017017 | 25.817579 |
| 188 | 90  | 13284 | 4.024254 | 13284 | 0.017016 | 25.817578 |
| 187 | 91  | 13278 | 4.024255 | 13278 | 0.017015 | 25.817577 |
| 186 | 92  | 13272 | 4.024256 | 13272 | 0.017014 | 25.817576 |
| 185 | 93  | 13266 | 4.024257 | 13266 | 0.017013 | 25.817575 |
| 184 | 94  | 13260 | 4.024258 | 13260 | 0.017012 | 25.817574 |
| 183 | 95  | 13254 | 4.024259 | 13254 | 0.017011 | 25.817573 |
| 182 | 96  | 13248 | 4.024260 | 13248 | 0.017010 | 25.817572 |
| 181 | 97  | 13242 | 4.024261 | 13242 | 0.017009 | 25.817571 |
| 180 | 98  | 13236 | 4.024262 | 13236 | 0.017008 | 25.817570 |
| 179 | 99  | 13230 | 4.024263 | 13230 | 0.017007 | 25.817569 |
| 178 | 100 | 13224 | 4.024264 | 13224 | 0.017006 | 25.817568 |







|    |       |       |           |           |          |          |
|----|-------|-------|-----------|-----------|----------|----------|
| 50 | 473   | 37745 | 11.057007 | 16663344. | 0.211119 | 82.76547 |
| 59 | 54    | 37745 | 11.07484  | 16663344. | 0.211119 | 82.76547 |
| 68 | 123   | 37721 | 11.11088  | 16663344. | 0.211119 | 82.76547 |
| 87 | 104   | 38128 | 11.14135  | 16663344. | 0.211119 | 82.76547 |
| 86 | 101   | 38128 | 11.17152  | 16663344. | 0.211119 | 82.76547 |
| 85 | 154   | 38128 | 11.21076  | 16663344. | 0.211119 | 82.76547 |
| 46 | 233   | 38128 | 11.24493  | 16663344. | 0.211119 | 82.76547 |
| 83 | 126   | 38128 | 11.27194  | 16663344. | 0.211119 | 82.76547 |
| 67 | 92    | 38128 | 11.30800  | 16663344. | 0.211119 | 82.76547 |
| 61 | 32    | 38128 | 11.34406  | 16663344. | 0.211119 | 82.76547 |
| 80 | 719   | 38128 | 11.38012  | 16663344. | 0.211119 | 82.76547 |
| 74 | 43    | 38128 | 11.41618  | 16663344. | 0.211119 | 82.76547 |
| 73 | 145   | 38128 | 11.45224  | 16663344. | 0.211119 | 82.76547 |
| 77 | 56    | 38128 | 11.48830  | 16663344. | 0.211119 | 82.76547 |
| 76 | 124   | 38128 | 11.52436  | 16663344. | 0.211119 | 82.76547 |
| 75 | 553   | 38128 | 11.56042  | 16663344. | 0.211119 | 82.76547 |
| 74 | 111   | 38128 | 11.59648  | 16663344. | 0.211119 | 82.76547 |
| 73 | 101   | 38128 | 11.63254  | 16663344. | 0.211119 | 82.76547 |
| 72 | 1617  | 38128 | 11.66860  | 16663344. | 0.211119 | 82.76547 |
| 71 | 107   | 38128 | 11.70466  | 16663344. | 0.211119 | 82.76547 |
| 70 | 378   | 38128 | 11.74072  | 16663344. | 0.211119 | 82.76547 |
| 69 | 103   | 38128 | 11.77678  | 16663344. | 0.211119 | 82.76547 |
| 68 | 134   | 38128 | 11.81284  | 16663344. | 0.211119 | 82.76547 |
| 67 | 112   | 38128 | 11.84890  | 16663344. | 0.211119 | 82.76547 |
| 66 | 190   | 38128 | 11.88496  | 16663344. | 0.211119 | 82.76547 |
| 65 | 223   | 38128 | 11.92102  | 16663344. | 0.211119 | 82.76547 |
| 64 | 169   | 38128 | 11.95708  | 16663344. | 0.211119 | 82.76547 |
| 63 | 179   | 38128 | 11.99314  | 16663344. | 0.211119 | 82.76547 |
| 62 | 134   | 38128 | 12.02920  | 16663344. | 0.211119 | 82.76547 |
| 61 | 133   | 38128 | 12.06526  | 16663344. | 0.211119 | 82.76547 |
| 60 | 3248  | 38128 | 12.10132  | 16663344. | 0.211119 | 82.76547 |
| 59 | 104   | 38128 | 12.13738  | 16663344. | 0.211119 | 82.76547 |
| 58 | 143   | 38128 | 12.17344  | 16663344. | 0.211119 | 82.76547 |
| 57 | 146   | 38128 | 12.20950  | 16663344. | 0.211119 | 82.76547 |
| 56 | 193   | 38128 | 12.24556  | 16663344. | 0.211119 | 82.76547 |
| 55 | 255   | 38128 | 12.28162  | 16663344. | 0.211119 | 82.76547 |
| 54 | 265   | 38128 | 12.31768  | 16663344. | 0.211119 | 82.76547 |
| 53 | 166   | 38128 | 12.35374  | 16663344. | 0.211119 | 82.76547 |
| 52 | 241   | 38128 | 12.38980  | 16663344. | 0.211119 | 82.76547 |
| 51 | 193   | 38128 | 12.42586  | 16663344. | 0.211119 | 82.76547 |
| 50 | 5530  | 38128 | 12.46192  | 16663344. | 0.211119 | 82.76547 |
| 49 | 214   | 38128 | 12.49798  | 16663344. | 0.211119 | 82.76547 |
| 48 | 4740  | 38128 | 12.53404  | 16663344. | 0.211119 | 82.76547 |
| 47 | 181   | 38128 | 12.57010  | 16663344. | 0.211119 | 82.76547 |
| 46 | 242   | 38128 | 12.60616  | 16663344. | 0.211119 | 82.76547 |
| 45 | 408   | 38128 | 12.64222  | 16663344. | 0.211119 | 82.76547 |
| 44 | 223   | 38128 | 12.67828  | 16663344. | 0.211119 | 82.76547 |
| 43 | 254   | 38128 | 12.71434  | 16663344. | 0.211119 | 82.76547 |
| 42 | 252   | 38128 | 12.75040  | 16663344. | 0.211119 | 82.76547 |
| 41 | 297   | 38128 | 12.78646  | 16663344. | 0.211119 | 82.76547 |
| 40 | 2463  | 38128 | 12.82252  | 16663344. | 0.211119 | 82.76547 |
| 39 | 244   | 38128 | 12.85858  | 16663344. | 0.211119 | 82.76547 |
| 38 | 356   | 38128 | 12.89464  | 16663344. | 0.211119 | 82.76547 |
| 37 | 300   | 38128 | 12.93070  | 16663344. | 0.211119 | 82.76547 |
| 36 | 2887  | 38128 | 12.96676  | 16663344. | 0.211119 | 82.76547 |
| 35 | 680   | 38128 | 13.00282  | 16663344. | 0.211119 | 82.76547 |
| 34 | 469   | 38128 | 13.03888  | 16663344. | 0.211119 | 82.76547 |
| 33 | 426   | 38128 | 13.07494  | 16663344. | 0.211119 | 82.76547 |
| 32 | 676   | 38128 | 13.11100  | 16663344. | 0.211119 | 82.76547 |
| 31 | 308   | 38128 | 13.14706  | 16663344. | 0.211119 | 82.76547 |
| 30 | 426   | 38128 | 13.18312  | 16663344. | 0.211119 | 82.76547 |
| 29 | 428   | 38128 | 13.21918  | 16663344. | 0.211119 | 82.76547 |
| 28 | 445   | 38128 | 13.25524  | 16663344. | 0.211119 | 82.76547 |
| 27 | 531   | 38128 | 13.29130  | 16663344. | 0.211119 | 82.76547 |
| 26 | 600   | 38128 | 13.32736  | 16663344. | 0.211119 | 82.76547 |
| 25 | 3561  | 38128 | 13.36342  | 16663344. | 0.211119 | 82.76547 |
| 24 | 1121  | 38128 | 13.39948  | 16663344. | 0.211119 | 82.76547 |
| 23 | 620   | 38128 | 13.43554  | 16663344. | 0.211119 | 82.76547 |
| 22 | 660   | 38128 | 13.47160  | 16663344. | 0.211119 | 82.76547 |
| 21 | 737   | 38128 | 13.50766  | 16663344. | 0.211119 | 82.76547 |
| 20 | 8152  | 38128 | 13.54372  | 16663344. | 0.211119 | 82.76547 |
| 19 | 749   | 38128 | 13.57978  | 16663344. | 0.211119 | 82.76547 |
| 18 | 2337  | 38128 | 13.61584  | 16663344. | 0.211119 | 82.76547 |
| 17 | 1015  | 38128 | 13.65190  | 16663344. | 0.211119 | 82.76547 |
| 16 | 2027  | 38128 | 13.68796  | 16663344. | 0.211119 | 82.76547 |
| 15 | 3561  | 38128 | 13.72402  | 16663344. | 0.211119 | 82.76547 |
| 14 | 1110  | 38128 | 13.76008  | 16663344. | 0.211119 | 82.76547 |
| 13 | 1468  | 38128 | 13.79614  | 16663344. | 0.211119 | 82.76547 |
| 12 | 5364  | 38128 | 13.83220  | 16663344. | 0.211119 | 82.76547 |
| 11 | 1807  | 38128 | 13.86826  | 16663344. | 0.211119 | 82.76547 |
| 10 | 1786  | 38128 | 13.90432  | 16663344. | 0.211119 | 82.76547 |
| 9  | 2822  | 38128 | 13.94038  | 16663344. | 0.211119 | 82.76547 |
| 8  | 6194  | 38128 | 13.97644  | 16663344. | 0.211119 | 82.76547 |
| 7  | 3705  | 38128 | 14.01250  | 16663344. | 0.211119 | 82.76547 |
| 6  | 15245 | 38128 | 14.04856  | 16663344. | 0.211119 | 82.76547 |
| 5  | 16587 | 38128 | 14.08462  | 16663344. | 0.211119 | 82.76547 |
| 4  | 17511 | 38128 | 14.12068  | 16663344. | 0.211119 | 82.76547 |
| 3  | 17032 | 38128 | 14.15674  | 16663344. | 0.211119 | 82.76547 |
| 2  | 38128 | 38128 | 14.19280  | 16663344. | 0.211119 | 82.76547 |
| 1  | 85677 | 38128 | 14.22886  | 16663344. | 0.211119 | 82.76547 |



# APPENDIX N

## NSC OAKLAND LOCAL CUSTOMERS TOP REQUISITION ITEMS BY REQUISITION FREQUENCY

| NSN             | NU OF<br>REQN | PRIORITIES | 10 | 11 | 12  | 13  | 14 | 15 | AQTY&U | NWT   | NCUB   |
|-----------------|---------------|------------|----|----|-----|-----|----|----|--------|-------|--------|
| 271512005824060 | 305           | 11         | 3  | 0  | 156 | 61  | 11 | 15 | 1640CN | 7.33  | 0.1430 |
| 271512005824060 | 297           | 12         | 2  | 0  | 140 | 47  | 11 | 25 | 286CN  | 3.58  | 0.0870 |
| 271512005824060 | 286           | 13         | 2  | 0  | 140 | 47  | 11 | 25 | 7621D  | 1.04  | 0.0210 |
| 271512005824060 | 272           | 14         | 1  | 0  | 28  | 152 | 10 | 17 | 341X   | 0.0   | 0.0    |
| 271512005824060 | 267           | 15         | 1  | 0  | 25  | 136 | 10 | 17 | 450C   | 0.0   | 0.0    |
| 271512005824060 | 257           | 16         | 1  | 0  | 25  | 136 | 10 | 17 | 284F   | 0.0   | 0.0    |
| 271512005824060 | 247           | 17         | 1  | 0  | 129 | 129 | 9  | 18 | 5683T  | 0.0   | 0.1330 |
| 271512005824060 | 237           | 18         | 1  | 0  | 129 | 129 | 9  | 18 | 2829G  | 0.0   | 0.0500 |
| 271512005824060 | 227           | 19         | 1  | 0  | 129 | 129 | 9  | 18 | 131CN  | 2.00  | 0.1330 |
| 271512005824060 | 217           | 20         | 1  | 0  | 129 | 129 | 9  | 18 | 174EA  | 7.83  | 0.1670 |
| 271512005824060 | 207           | 21         | 1  | 0  | 129 | 129 | 9  | 18 | 346LH  | 3.02  | 0.0170 |
| 271512005824060 | 197           | 22         | 1  | 0  | 129 | 129 | 9  | 18 | 104CN  | 4.50  | 0.1830 |
| 271512005824060 | 187           | 23         | 1  | 0  | 129 | 129 | 9  | 18 | 82K    | 3.50  | 0.2110 |
| 271512005824060 | 177           | 24         | 1  | 0  | 129 | 129 | 9  | 18 | 268G   | 10.75 | 0.2540 |
| 271512005824060 | 167           | 25         | 1  | 0  | 129 | 129 | 9  | 18 | 82K    | 3.50  | 0.2110 |
| 271512005824060 | 157           | 26         | 1  | 0  | 129 | 129 | 9  | 18 | 1730   | 0.0   | 0.0210 |
| 271512005824060 | 147           | 27         | 1  | 0  | 129 | 129 | 9  | 18 | 167EA  | 0.0   | 0.0700 |
| 271512005824060 | 137           | 28         | 1  | 0  | 129 | 129 | 9  | 18 | 1730   | 0.0   | 0.0700 |
| 271512005824060 | 127           | 29         | 1  | 0  | 129 | 129 | 9  | 18 | 2431H  | 1.00  | 0.0700 |
| 271512005824060 | 117           | 30         | 1  | 0  | 129 | 129 | 9  | 18 | 370CN  | 2.75  | 0.200  |
| 271512005824060 | 107           | 31         | 1  | 0  | 129 | 129 | 9  | 18 | 750CN  | 4.87  | 0.2400 |
| 271512005824060 | 97            | 32         | 1  | 0  | 129 | 129 | 9  | 18 | 693LH  | 1.16  | 0.0430 |
| 271512005824060 | 87            | 33         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 77            | 34         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 67            | 35         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 57            | 36         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 47            | 37         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 37            | 38         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 27            | 39         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 17            | 40         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 7             | 41         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 42         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 43         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 44         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 45         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 46         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 47         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 48         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 49         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 50         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 51         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 52         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 53         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 54         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 55         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 56         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 57         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 58         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 59         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 60         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 61         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 62         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 63         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 64         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 65         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 66         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 67         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 68         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 69         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 70         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 71         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 72         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 73         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 74         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 75         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 76         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 77         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 78         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 79         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 80         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 81         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 82         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 83         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 84         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 85         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 86         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 87         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 88         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 89         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 90         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 91         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 92         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 93         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 94         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 95         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 96         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 97         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 98         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 99         | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |
| 271512005824060 | 0             | 100        | 1  | 0  | 129 | 129 | 9  | 18 | 907T   | 3.92  | 0.220  |



| PAGE | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 | 0030 | 0031 | 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 | 0046 | 0047 | 0048 | 0049 | 0050 | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 | 0060 | 0061 | 0062 | 0063 | 0064 | 0065 | 0066 | 0067 | 0068 | 0069 | 0070 | 0071 | 0072 | 0073 | 0074 | 0075 | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | 0100 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1    | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 | 0030 | 0031 | 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 | 0046 | 0047 | 0048 | 0049 | 0050 | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 | 0060 | 0061 | 0062 | 0063 | 0064 | 0065 | 0066 | 0067 | 0068 | 0069 | 0070 | 0071 | 0072 | 0073 | 0074 | 0075 | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | 0100 |



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|       |          |        |      |      |        |
|-------|----------|--------|------|------|--------|
| 4473  | 00060350 | 0.0110 | 0.01 | 42X  | 0.0100 |
| 4506  | 00060351 | 0.0100 | 0.01 | 43X  | 0.0100 |
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| 4574  | 00060353 | 0.0100 | 0.01 | 450  | 0.0100 |
| 4608  | 00060354 | 0.0100 | 0.01 | 460  | 0.0100 |
| 4642  | 00060355 | 0.0100 | 0.01 | 470  | 0.0100 |
| 4676  | 00060356 | 0.0100 | 0.01 | 480  | 0.0100 |
| 4710  | 00060357 | 0.0100 | 0.01 | 490  | 0.0100 |
| 4744  | 00060358 | 0.0100 | 0.01 | 500  | 0.0100 |
| 4778  | 00060359 | 0.0100 | 0.01 | 510  | 0.0100 |
| 4812  | 00060360 | 0.0100 | 0.01 | 520  | 0.0100 |
| 4846  | 00060361 | 0.0100 | 0.01 | 530  | 0.0100 |
| 4880  | 00060362 | 0.0100 | 0.01 | 540  | 0.0100 |
| 4914  | 00060363 | 0.0100 | 0.01 | 550  | 0.0100 |
| 4948  | 00060364 | 0.0100 | 0.01 | 560  | 0.0100 |
| 4982  | 00060365 | 0.0100 | 0.01 | 570  | 0.0100 |
| 5016  | 00060366 | 0.0100 | 0.01 | 580  | 0.0100 |
| 5050  | 00060367 | 0.0100 | 0.01 | 590  | 0.0100 |
| 5084  | 00060368 | 0.0100 | 0.01 | 600  | 0.0100 |
| 5118  | 00060369 | 0.0100 | 0.01 | 610  | 0.0100 |
| 5152  | 00060370 | 0.0100 | 0.01 | 620  | 0.0100 |
| 5186  | 00060371 | 0.0100 | 0.01 | 630  | 0.0100 |
| 5220  | 00060372 | 0.0100 | 0.01 | 640  | 0.0100 |
| 5254  | 00060373 | 0.0100 | 0.01 | 650  | 0.0100 |
| 5288  | 00060374 | 0.0100 | 0.01 | 660  | 0.0100 |
| 5322  | 00060375 | 0.0100 | 0.01 | 670  | 0.0100 |
| 5356  | 00060376 | 0.0100 | 0.01 | 680  | 0.0100 |
| 5390  | 00060377 | 0.0100 | 0.01 | 690  | 0.0100 |
| 5424  | 00060378 | 0.0100 | 0.01 | 700  | 0.0100 |
| 5458  | 00060379 | 0.0100 | 0.01 | 710  | 0.0100 |
| 5492  | 00060380 | 0.0100 | 0.01 | 720  | 0.0100 |
| 5526  | 00060381 | 0.0100 | 0.01 | 730  | 0.0100 |
| 5560  | 00060382 | 0.0100 | 0.01 | 740  | 0.0100 |
| 5594  | 00060383 | 0.0100 | 0.01 | 750  | 0.0100 |
| 5628  | 00060384 | 0.0100 | 0.01 | 760  | 0.0100 |
| 5662  | 00060385 | 0.0100 | 0.01 | 770  | 0.0100 |
| 5696  | 00060386 | 0.0100 | 0.01 | 780  | 0.0100 |
| 5730  | 00060387 | 0.0100 | 0.01 | 790  | 0.0100 |
| 5764  | 00060388 | 0.0100 | 0.01 | 800  | 0.0100 |
| 5798  | 00060389 | 0.0100 | 0.01 | 810  | 0.0100 |
| 5832  | 00060390 | 0.0100 | 0.01 | 820  | 0.0100 |
| 5866  | 00060391 | 0.0100 | 0.01 | 830  | 0.0100 |
| 5900  | 00060392 | 0.0100 | 0.01 | 840  | 0.0100 |
| 5934  | 00060393 | 0.0100 | 0.01 | 850  | 0.0100 |
| 5968  | 00060394 | 0.0100 | 0.01 | 860  | 0.0100 |
| 6002  | 00060395 | 0.0100 | 0.01 | 870  | 0.0100 |
| 6036  | 00060396 | 0.0100 | 0.01 | 880  | 0.0100 |
| 6070  | 00060397 | 0.0100 | 0.01 | 890  | 0.0100 |
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| 6376  | 00060406 | 0.0100 | 0.01 | 980  | 0.0100 |
| 6410  | 00060407 | 0.0100 | 0.01 | 990  | 0.0100 |
| 6444  | 00060408 | 0.0100 | 0.01 | 1000 | 0.0100 |
| 6478  | 00060409 | 0.0100 | 0.01 | 1010 | 0.0100 |
| 6512  | 00060410 | 0.0100 | 0.01 | 1020 | 0.0100 |
| 6546  | 00060411 | 0.0100 | 0.01 | 1030 | 0.0100 |
| 6580  | 00060412 | 0.0100 | 0.01 | 1040 | 0.0100 |
| 6614  | 00060413 | 0.0100 | 0.01 | 1050 | 0.0100 |
| 6648  | 00060414 | 0.0100 | 0.01 | 1060 | 0.0100 |
| 6682  | 00060415 | 0.0100 | 0.01 | 1070 | 0.0100 |
| 6716  | 00060416 | 0.0100 | 0.01 | 1080 | 0.0100 |
| 6750  | 00060417 | 0.0100 | 0.01 | 1090 | 0.0100 |
| 6784  | 00060418 | 0.0100 | 0.01 | 1100 | 0.0100 |
| 6818  | 00060419 | 0.0100 | 0.01 | 1110 | 0.0100 |
| 6852  | 00060420 | 0.0100 | 0.01 | 1120 | 0.0100 |
| 6886  | 00060421 | 0.0100 | 0.01 | 1130 | 0.0100 |
| 6920  | 00060422 | 0.0100 | 0.01 | 1140 | 0.0100 |
| 6954  | 00060423 | 0.0100 | 0.01 | 1150 | 0.0100 |
| 6988  | 00060424 | 0.0100 | 0.01 | 1160 | 0.0100 |
| 7022  | 00060425 | 0.0100 | 0.01 | 1170 | 0.0100 |
| 7056  | 00060426 | 0.0100 | 0.01 | 1180 | 0.0100 |
| 7090  | 00060427 | 0.0100 | 0.01 | 1190 | 0.0100 |
| 7124  | 00060428 | 0.0100 | 0.01 | 1200 | 0.0100 |
| 7158  | 00060429 | 0.0100 | 0.01 | 1210 | 0.0100 |
| 7192  | 00060430 | 0.0100 | 0.01 | 1220 | 0.0100 |
| 7226  | 00060431 | 0.0100 | 0.01 | 1230 | 0.0100 |
| 7260  | 00060432 | 0.0100 | 0.01 | 1240 | 0.0100 |
| 7294  | 00060433 | 0.0100 | 0.01 | 1250 | 0.0100 |
| 7328  | 00060434 | 0.0100 | 0.01 | 1260 | 0.0100 |
| 7362  | 00060435 | 0.0100 | 0.01 | 1270 | 0.0100 |
| 7396  | 00060436 | 0.0100 | 0.01 | 1280 | 0.0100 |
| 7430  | 00060437 | 0.0100 | 0.01 | 1290 | 0.0100 |
| 7464  | 00060438 | 0.0100 | 0.01 | 1300 | 0.0100 |
| 7498  | 00060439 | 0.0100 | 0.01 | 1310 | 0.0100 |
| 7532  | 00060440 | 0.0100 | 0.01 | 1320 | 0.0100 |
| 7566  | 00060441 | 0.0100 | 0.01 | 1330 | 0.0100 |
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| 7668  | 00060444 | 0.0100 | 0.01 | 1360 | 0.0100 |
| 7702  | 00060445 | 0.0100 | 0.01 | 1370 | 0.0100 |
| 7736  | 00060446 | 0.0100 | 0.01 | 1380 | 0.0100 |
| 7770  | 00060447 | 0.0100 | 0.01 | 1390 | 0.0100 |
| 7804  | 00060448 | 0.0100 | 0.01 | 1400 | 0.0100 |
| 7838  | 00060449 | 0.0100 | 0.01 | 1410 | 0.0100 |
| 7872  | 00060450 | 0.0100 | 0.01 | 1420 | 0.0100 |
| 7906  | 00060451 | 0.0100 | 0.01 | 1430 | 0.0100 |
| 7940  | 00060452 | 0.0100 | 0.01 | 1440 | 0.0100 |
| 7974  | 00060453 | 0.0100 | 0.01 | 1450 | 0.0100 |
| 8008  | 00060454 | 0.0100 | 0.01 | 1460 | 0.0100 |
| 8042  | 00060455 | 0.0100 | 0.01 | 1470 | 0.0100 |
| 8076  | 00060456 | 0.0100 | 0.01 | 1480 | 0.0100 |
| 8110  | 00060457 | 0.0100 | 0.01 | 1490 | 0.0100 |
| 8144  | 00060458 | 0.0100 | 0.01 | 1500 | 0.0100 |
| 8178  | 00060459 | 0.0100 | 0.01 | 1510 | 0.0100 |
| 8212  | 00060460 | 0.0100 | 0.01 | 1520 | 0.0100 |
| 8246  | 00060461 | 0.0100 | 0.01 | 1530 | 0.0100 |
| 8280  | 00060462 | 0.0100 | 0.01 | 1540 | 0.0100 |
| 8314  | 00060463 | 0.0100 | 0.01 | 1550 | 0.0100 |
| 8348  | 00060464 | 0.0100 | 0.01 | 1560 | 0.0100 |
| 8382  | 00060465 | 0.0100 | 0.01 | 1570 | 0.0100 |
| 8416  | 00060466 | 0.0100 | 0.01 | 1580 | 0.0100 |
| 8450  | 00060467 | 0.0100 | 0.01 | 1590 | 0.0100 |
| 8484  | 00060468 | 0.0100 | 0.01 | 1600 | 0.0100 |
| 8518  | 00060469 | 0.0100 | 0.01 | 1610 | 0.0100 |
| 8552  | 00060470 | 0.0100 | 0.01 | 1620 | 0.0100 |
| 8586  | 00060471 | 0.0100 | 0.01 | 1630 | 0.0100 |
| 8620  | 00060472 | 0.0100 | 0.01 | 1640 | 0.0100 |
| 8654  | 00060473 | 0.0100 | 0.01 | 1650 | 0.0100 |
| 8688  | 00060474 | 0.0100 | 0.01 | 1660 | 0.0100 |
| 8722  | 00060475 | 0.0100 | 0.01 | 1670 | 0.0100 |
| 8756  | 00060476 | 0.0100 | 0.01 | 1680 | 0.0100 |
| 8790  | 00060477 | 0.0100 | 0.01 | 1690 | 0.0100 |
| 8824  | 00060478 | 0.0100 | 0.01 | 1700 | 0.0100 |
| 8858  | 00060479 | 0.0100 | 0.01 | 1710 | 0.0100 |
| 8892  | 00060480 | 0.0100 | 0.01 | 1720 | 0.0100 |
| 8926  | 00060481 | 0.0100 | 0.01 | 1730 | 0.0100 |
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| 8994  | 00060483 | 0.0100 | 0.01 | 1750 | 0.0100 |
| 9028  | 00060484 | 0.0100 | 0.01 | 1760 | 0.0100 |
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| 9096  | 00060486 | 0.0100 | 0.01 | 1780 | 0.0100 |
| 9130  | 00060487 | 0.0100 | 0.01 | 1790 | 0.0100 |
| 9164  | 00060488 | 0.0100 | 0.01 | 1800 | 0.0100 |
| 9198  | 00060489 | 0.0100 | 0.01 | 1810 | 0.0100 |
| 9232  | 00060490 | 0.0100 | 0.01 | 1820 | 0.0100 |
| 9266  | 00060491 | 0.0100 | 0.01 | 1830 | 0.0100 |
| 9300  | 00060492 | 0.0100 | 0.01 | 1840 | 0.0100 |
| 9334  | 00060493 | 0.0100 | 0.01 | 1850 | 0.0100 |
| 9368  | 00060494 | 0.0100 | 0.01 | 1860 | 0.0100 |
| 9402  | 00060495 | 0.0100 | 0.01 | 1870 | 0.0100 |
| 9436  | 00060496 | 0.0100 | 0.01 | 1880 | 0.0100 |
| 9470  | 00060497 | 0.0100 | 0.01 | 1890 | 0.0100 |
| 9504  | 00060498 | 0.0100 | 0.01 | 1900 | 0.0100 |
| 9538  | 00060499 | 0.0100 | 0.01 | 1910 | 0.0100 |
| 9572  | 00060500 | 0.0100 | 0.01 | 1920 | 0.0100 |
| 9606  | 00060501 | 0.0100 | 0.01 | 1930 | 0.0100 |
| 9640  | 00060502 | 0.0100 | 0.01 | 1940 | 0.0100 |
| 9674  | 00060503 | 0.0100 | 0.01 | 1950 | 0.0100 |
| 9708  | 00060504 | 0.0100 | 0.01 | 1960 | 0.0100 |
| 9742  | 00060505 | 0.0100 | 0.01 | 1970 | 0.0100 |
| 9776  | 00060506 | 0.0100 | 0.01 | 1980 | 0.0100 |
| 9810  | 00060507 | 0.0100 | 0.01 | 1990 | 0.0100 |
| 9844  | 00060508 | 0.0100 | 0.01 | 2000 | 0.0100 |
| 9878  | 00060509 | 0.0100 | 0.01 | 2010 | 0.0100 |
| 9912  | 00060510 | 0.0100 | 0.01 | 2020 | 0.0100 |
| 9946  | 00060511 | 0.0100 | 0.01 | 2030 | 0.0100 |
| 9980  | 00060512 | 0.0100 | 0.01 | 2040 | 0.0100 |
| 10014 | 00060513 | 0.0100 | 0.01 | 2050 | 0.0100 |
| 10028 | 00060514 | 0.0100 | 0.01 | 2060 | 0.0100 |
| 10042 | 00060515 | 0.0100 | 0.01 | 2070 | 0.0100 |
| 10056 | 00060516 | 0.0100 | 0.01 | 2080 | 0.0100 |
| 10070 | 00060517 | 0.0100 | 0.01 | 2090 | 0.0100 |
| 10084 | 00060518 | 0.0100 | 0.01 | 2100 | 0.0100 |
| 10098 | 00060519 | 0.0100 | 0.01 | 2110 | 0.0100 |
| 10112 | 00060520 | 0.0100 | 0.01 | 2120 | 0.0100 |
| 10126 | 00060521 | 0.0100 | 0.01 | 2130 | 0.0100 |
| 10140 | 00060522 | 0.0100 | 0.01 | 2140 | 0.0100 |
| 10154 | 00060523 | 0.0100 | 0.01 | 2150 | 0.0100 |
| 10168 | 00060524 | 0.0100 | 0.01 | 2160 | 0.0100 |
| 10182 | 00060525 | 0.0100 | 0.01 | 2170 | 0.0100 |
| 10196 | 00060526 | 0.0100 | 0.01 | 2180 | 0.0100 |
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60X  
13FA  
1974FT  
6700  
12EG  
39CG  
1218Q  
70EA  
14EA  
14EA  
1PG  
361FI  
24EA  
240R  
20EA  
11EA  
60EA  
19EG  
11EA  
61A  
4295CF  
9EA  
1140  
1140  
2EA  
1EA  
07EA  
5EA  
3PL  
42FI  
4EA  
20EA  
11H2  
37EA  
301  
60U  
10EA  
13EA  
71U  
1CA  
29EA  
17EA  
95EA  
4EA  
128RU  
32EA  
40PR  
83X  
27EA  
45E  
713Z  
5FA  
2PG  
121U  
6EA  
59FI

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APPENDIX O

NSC OAKLAND LOCAL CUSTOMER SUMMARY

| UIC | CUSTOMER | NAME | REFNS | X PUS |
|---------|----------|--|-------|-------|
| NO00001 | 3 | MARK ISLAND NAVAL SHIPYARD, MARK ISLAND | 41505 | .1278 |
| NO00005 | 2 | NAVAL AIR REPAIR FACILITY, ALAMEDA | 20492 | .0770 |
| NO00005 | 1 | CRN (CAKLAN) CA | 25048 | .0746 |
| NO00005 | 10 | NAVAL AIR STATION SUPPLY DEPT, NAS ALAMEDA | 21526 | .0831 |
| NO00005 | 10 | AR 7 | 23004 | .0811 |
| NO00005 | 10 | NAS MOFFETT FIELD, NAS MOFFETT FIELD | 19115 | .0810 |
| NO00005 | 10 | AFS 3 | 15908 | .0226 |
| NO00005 | 10 | AFS 1 | 12224 | .0800 |
| NO00005 | 10 | CV 43 | 11050 | .0241 |
| NO00005 | 10 | ALR 5 | 9655 | .0204 |
| NO00005 | 10 | FLEET MAG, NAS ALAMEDA | 6503 | .0193 |
| NO00005 | 10 | FE 1083 | 5056 | .0101 |
| NO00005 | 10 | AFS 7 | 5542 | .0113 |
| NO00005 | 10 | AF 33 | 5180 | .0113 |
| NO00005 | 10 | PAC SAN FRANCISCO | 5175 | .0112 |
| NO00005 | 10 | FF 1055 | 4854 | .0143 |
| NO00005 | 10 | AE 24 | 4848 | .0142 |
| NO00005 | 10 | AGR 3 | 4084 | .0137 |
| NO00005 | 10 | AGR 1 | 4074 | .0135 |
| NO00005 | 10 | SUB DEVELOPMENT GR1, SAN DIEGO | 4070 | .0130 |
| NO00005 | 10 | AE 32 | 4050 | .0120 |
| NO00005 | 10 | AE 32 | 3260 | .0119 |
| NO00005 | 10 | SSN 621 | 3341 | .0113 |
| NO00005 | 10 | AE 25 | 3778 | .0111 |
| NO00005 | 10 | AE 1076 | 2080 | .0111 |
| NO00005 | 10 | AE 26 | 2753 | .0084 |
| NO00005 | 10 | AE 24 | 2634 | .0076 |
| NO00005 | 10 | LMA 112 AFE | 2634 | .0074 |
| NO00005 | 10 | MILITARY REARIFT COMMAND PAC, OAKLAND | 2608 | .0071 |
| NO00005 | 10 | NAVAL REARIFT STATION, CONCORD | 2058 | .0071 |
| NO00005 | 10 | AE 25 | 1958 | .0069 |
| NO00005 | 10 | NAVAL ELECTRONIC SYSTEM ENG CENTER, MARK | 1958 | .0067 |
| NO00005 | 10 | COMBAT SYSTEM TECHNICAL SCHOOL, MARK ISL | 1858 | .0063 |
| NO00005 | 10 | NAVCOMSTA STOCKTON, STOCKTON | 1805 | .0055 |
| NO00005 | 10 | NAV REG MEG CENT, OAK | 1828 | .0054 |
| NO00005 | 10 | SSN 594 | 1792 | .0052 |

APPENDIX P

SUMMARY OF TOP REQUISITION ITEMS FOR NSC OAKLAND'S 25 TOP LOCAL CUSTOMERS

| UIC NO0221 ACTIVITY MAKE ISLAND NAVAL SHIPYARD, MAKE ISLAND ANNUAL DEMANDS 41905 CLUSTER 3 | | | | | | | | | | | | | | | | | | | | | |
|---|---------|---------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|------|-------|
| COG | NSN | UIC | DEMANDS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | AQTYCUI | HWY | PCUB |
| K2533000 | 2609311 | INC0221 | 02 | 00 | 00 | 12 | 00 | 00 | 25 | 00 | 00 | 00 | 00 | 00 | 00 | 42 | 00 | 00 | 8EA | 0.01 | 0.001 |
| CA241000 | 2609311 | INC0221 | 58 | 00 | 00 | 44 | 00 | 00 | 33 | 00 | 00 | 00 | 00 | 00 | 00 | 51 | 00 | 00 | 10CN | 0.01 | 1.000 |
| K7533000 | 1526177 | NO0221 | 53 | 00 | 00 | 23 | 00 | 00 | 16 | 00 | 00 | 00 | 00 | 00 | 00 | 32 | 00 | 00 | 6EA | 0.01 | 0.001 |
| K7533000 | 1955381 | NO0221 | 46 | 00 | 00 | 33 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 27 | 00 | 00 | 11EA | 0.01 | 0.001 |
| K7533000 | 1673333 | NO0221 | 45 | 00 | 00 | 50 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 27 | 00 | 00 | 11EA | 0.01 | 0.001 |
| K7533000 | 7335830 | NO0221 | 43 | 00 | 00 | 22 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 23 | 00 | 00 | 12EA | 0.01 | 0.001 |
| K7533000 | 1551633 | NO0221 | 38 | 00 | 00 | 10 | 00 | 00 | 10 | 00 | 00 | 00 | 00 | 00 | 00 | 15 | 00 | 00 | 11EA | 0.01 | 0.001 |
| K7533000 | 1651633 | NO0221 | 36 | 00 | 00 | 24 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 15 | 00 | 00 | 11EA | 0.01 | 0.001 |
| K7533000 | 6410773 | NO0221 | 34 | 00 | 00 | 33 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 17 | 00 | 00 | 11EA | 0.01 | 0.001 |
| K7533000 | 1451853 | NO0221 | 34 | 00 | 00 | 30 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 20 | 00 | 00 | 8EA | 0.01 | 0.001 |
| K7533000 | 1451853 | NO0221 | 33 | 00 | 00 | 07 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 22 | 00 | 00 | 8EA | 0.01 | 0.001 |
| K7533000 | 1451853 | NO0221 | 32 | 00 | 00 | 12 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 20 | 00 | 00 | 8EA | 0.01 | 0.001 |
| K7533000 | 5921177 | NO0221 | 31 | 00 | 00 | 34 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 24 | 00 | 00 | 14EA | 0.01 | 0.001 |
| K7533000 | 2920496 | NO0221 | 30 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 17EA | 0.01 | 0.001 |
| K2533000 | 1526177 | NO0221 | 30 | 00 | 00 | 12 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 16 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 5468530 | NO0221 | 28 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 5255380 | NO0221 | 28 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| AX442000 | 1451853 | NO0221 | 28 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| AX442000 | 1526177 | NO0221 | 28 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 27 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 27 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | 00 | 10EA | 0.01 | 0.001 |
| K7533000 | 1526177 | NO0221 | 26 | 00 | 00 | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19 | 00 | | | | |

[illegible]

UIC N55885
ACTIVITY N
ANNUAL DEM
CLUSTER 2

[illegible]

263

[illegible]

UIC R 03365
ACTIVITY CUN 65
ANNUAL DEMANDS 2543
CLUSTER 2

| COG | NSN | UIC | DEMANDS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | AQIVEUI | NWT | UCUS |
|-----------------------|-----|-----|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|------|-------|
| IX5940001340031R03165 | 50 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 10EA | 0.10 | 0.033 |
| IX5940001340031R03165 | 24 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 9EA | 0.10 | 0.033 |
| IX5940001340031R03165 | 24 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7EA | 0.10 | 0.033 |
| CY8430000624317R03165 | 26 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 5PR | 4.83 | 0.313 |
| CY8430000624317R03165 | 26 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 3PR | 3.01 | 0.317 |
| CY8430000624317R03165 | 26 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 1EA | 0.01 | 0.011 |
| KZ5330000585422R03165 | 23 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 5PR | 4.50 | 0.120 |
| IX5940001340031R03165 | 23 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 3SH | 4.34 | 0.120 |
| IX5940001340031R03165 | 22 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 1EA | 0.01 | 0.011 |
| IX5940001340031R03165 | 21 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 5PR | 0.01 | 0.011 |
| IX5940001340031R03165 | 20 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 5PR | 0.01 | 0.011 |
| IX5940001340031R03165 | 19 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 1EA | 0.01 | 0.011 |
| IX5940001340031R03165 | 19 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 9EA | 0.10 | 0.033 |
| IX5940001340031R03165 | 18 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 6PR | 0.10 | 0.033 |
| IX5940001340031R03165 | 18 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 1EA | 0.83 | 0.067 |
| CY8430000624317R03165 | 17 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 5EA | 0.00 | 0.033 |
| CY8430000624317R03165 | 17 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 10EA | 0.10 | 0.033 |
| KZ5330000585422R03165 | 16 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 3EA | 0.01 | 0.033 |
| KZ5330000585422R03165 | 16 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 56EA | 0.01 | 0.033 |
| CY8430000624317R03165 | 16 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | RLH | 1.54 | 0.047 |
| CY8430000624317R03165 | 15 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 17EA | 0.01 | 0.033 |
| IX5940001340031R03165 | 15 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 10PR | 0.00 | 0.033 |
| IX5940001340031R03165 | 15 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 3PR | 4.00 | 0.317 |
| IX5940001340031R03165 | 15 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 11PRX | 0.00 | 0.033 |
| IX5940001340031R03165 | 15 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 14CN | 0.00 | 0.033 |
| IX5940001340031R03165 | 15 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 10PR | 0.00 | 0.033 |
| IX5940001340031R03165 | 15 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 14EA | 0.00 | 0.033 |
| IX5940001340031R03165 | 15 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 3EA | 3.92 | 0.242 |
| IX5940001340031R03165 | 15 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 14EA | 0.01 | 0.033 |

[illegible]

| | | |
|--------|--------|-------|
| 69EA | 0.90 | 0.066 |
| 5HD | 0.0 | 0.012 |
| 61A | 1.00 | 0.001 |
| 8EA | 0.01 | 0.0 |
| 2347EA | 0.0 | 0.0 |
| 37PG | 0.0 | 0.0 |
| 5PD | 0.0 | 0.0 |
| 103X | 0.0 | 0.0 |
| 15PT | 0.0 | 0.0 |
| 199EA | 3.00 | 0.200 |
| 3EA | 0.0 | 0.001 |
| 61A | 0.0 | 0.0 |
| 2002X | 1.00 | 0.013 |
| 31EA | 1.00 | 0.000 |
| 358CN | 9.15 | 1.275 |
| 9FA | 10.50 | 0.210 |
| 101U | 0.0 | 0.0 |
| 7EA | 0.0 | 0.0 |
| 8EA | 0.20 | 0.017 |
| 21A | 0.10 | 0.033 |
| 1047FA | 1.10 | 0.006 |
| 1EA | 0.10 | 0.000 |
| 8CN | 0.60 | 0.017 |
| 24EA | 0.07 | 0.013 |
| 59EA | 0.0 | 0.0 |
| 7407 | 0.17 | 0.008 |
| 40R | 226.00 | 4.000 |
| 27331A | 1.17 | 0.000 |
| 3207 | 0.0 | 0.0 |
| 103X | 0.0 | 0.0 |
| 7EA | 0.0 | 0.0 |
| 430X | 0.0 | 0.0 |
| 16EA | 0.0 | 0.0 |
| 61D | 0.0 | 0.0 |
| 161FA | 0.06 | 0.010 |
| 3233 | 0.0 | 0.0 |
| 22HD | 0.0 | 0.0 |
| 1358M | 0.0 | 0.0 |
| 6HD | 0.02 | 0.001 |
| 7EA | 0.0 | 0.0 |
| 4EA | 0.0 | 0.0 |
| 5EA | 0.0 | 0.0 |
| 3EA | 0.0 | 0.0 |

HSC 900228
 ACTIVITY NSC OAKLAND, CA
 ANNUAL DEMANDS 21526
 CLUSTER 1

| CDG | NSN | UIC | DEMANDS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | ACTYCUI | NMT | RCUB |
|-------------------------|-----|-----|---------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|---------|-------|-------|
| 9001050005582836X00228 | 35 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1089X | 0 | 0.0 |
| 9001050006317867100228 | 33 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96KT | 0 | 0.0 |
| 90010500066255000228 | 33 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 244EA | 0 | 0.0 |
| 9001050007145017000228 | 32 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 608X | 0 | 0.0 |
| 900105000715015400228 | 32 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 408X | 0 | 0.0 |
| 90010500072012013400228 | 32 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179G | 0 | 0.0 |
| 900105000726375400228 | 31 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45EA | 0 | 0.0 |
| 900105000728511400228 | 30 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 750Z | 0 | 0.0 |
| 900105000735671400228 | 29 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 363X | 0 | 0.0 |
| 90010500073777100228 | 29 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 350X | 0 | 0.0 |
| 900105000747333400228 | 29 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42EA | 1.55 | 0.026 |
| 900105000752200228 | 29 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3591 | 0 | 0.0 |
| 9001050007552200228 | 28 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47EA | 0 | 0.0 |
| 90010500075717500228 | 28 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 358X | 0 | 0.0 |
| 9001050007591613400228 | 27 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 131FA | 60.00 | 5.000 |
| 90010500076165000228 | 27 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 434EA | 0 | 0.0 |
| 900105000762452400228 | 27 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50EA | 0 | 0.0 |
| 9001050007632355400228 | 27 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 168K0 | 0 | 0.0 |
| 900105000764292400228 | 27 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 574X | 0 | 0.0 |
| 90010500076728400228 | 26 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54EA | 0 | 0.0 |
| 90010500076735000228 | 26 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257DZ | 0 | 0.0 |
| 90010500076735000228 | 25 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14580 | 0 | 0.0 |
| 90010500076735000228 | 25 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14580 | 0 | 0.0 |
| 90010500076735000228 | 24 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 241DZ | 0 | 0.0 |
| 90010500076735000228 | 23 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 155E | 0 | 0.0 |
| 90010500076735000228 | 23 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67EA | 0 | 0.0 |
| 90010500076735000228 | 23 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 598X | 1.33 | 0.157 |
| 90010500076735000228 | 23 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55EA | 0 | 0.0 |
| 90010500076735000228 | 23 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74EA | 0 | 0.0 |
| 90010500076735000228 | 23 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 164DZ | 0 | 0.0 |

AD-A092 663

NAVAL POSTGRADUATE SCHOOL MONTEREY CA
PRE-CONSOLIDATION SUPPLY SUPPORT FOR NARF ALAMEDA AND NSC OAKLA--ETC (U)
SEP 80 B HRABOSKY, W A OWEN, R G POPP

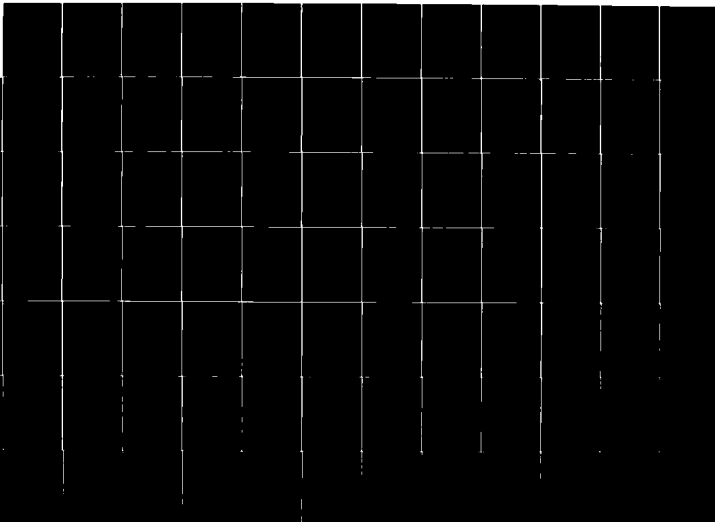
F/G 15/5

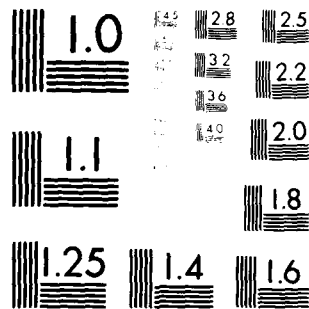
UNCLASSIFIED

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4 of 6

AD-A092 663





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

287

288

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UIC NQ0236
ACTIVITY
ANNUAL DEMO
CLUSTER 2

| COG | NSH | UIC | DEADENDS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | PRIORITIES | 10 | 11 | 12 | 13 | 14 | 15 | AQTYCUI | VMT | NCUS |
|------------|-----|-------------|----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|--------|--------|
| CX61050032 | 746 | 22727000236 | 73 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 1EA | 0.62 | 0.062 |
| CX33200316 | 56 | 22727000236 | 23 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 1EA | 0.025 | 0.005 |
| CX36105003 | 220 | 22727000236 | 20 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 4231R | 0.00 | 0.00 |
| CX28950009 | 200 | 22727000236 | 20 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 92CNC | 0.00 | 0.00 |
| CX27491500 | 11 | 22727000236 | 11 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 31RUC | 0.23 | 0.23 |
| CX46125005 | 11 | 22727000236 | 11 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 41RUC | 0.20 | 0.20 |
| CX83150014 | 73 | 22727000236 | 73 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 31RUC | 0.04 | 0.04 |
| CX89150017 | 18 | 22727000236 | 18 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 31RUC | 1.83 | 1.83 |
| CX89150018 | 18 | 22727000236 | 18 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 13CNC | 8.03 | 0.375 |
| CX89150019 | 18 | 22727000236 | 18 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 189GL | 3.01 | 0.013 |
| CX28925001 | 17 | 22727000236 | 17 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 2EACN | 0.125 | 0.035 |
| CX28915001 | 17 | 22727000236 | 17 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 65CNC | 1.125 | 0.030 |
| CX28915002 | 17 | 22727000236 | 17 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 36CNC | 10.75 | 0.220 |
| CX28915003 | 17 | 22727000236 | 17 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 711R | 17.75 | 0.320 |
| CX28915004 | 16 | 22727000236 | 16 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 92CNC | 7.01 | 0.133 |
| CX28925002 | 16 | 22727000236 | 16 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 32CNC | 7.01 | 0.133 |
| CX28925003 | 16 | 22727000236 | 16 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 70CNC | 2.025 | 0.048 |
| CX28950017 | 16 | 22727000236 | 16 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 298R | 0.016 | 0.001 |
| CX28950018 | 16 | 22727000236 | 16 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 1EA | 0.13 | 0.003 |
| CX28950019 | 15 | 22727000236 | 15 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 30CNC | 0.150 | 0.003 |
| CX28950020 | 15 | 22727000236 | 15 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 10CNC | 0.150 | 0.003 |
| CX28950021 | 15 | 22727000236 | 15 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 94CNC | 0.150 | 0.003 |
| CX45905007 | 15 | 22727000236 | 15 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 561R | 2.20 | 0.018 |
| CX59050019 | 15 | 22727000236 | 15 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 142R | 689.00 | 10.800 |
| CX53100018 | 14 | 22727000236 | 14 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 13HD | 0.75 | 0.005 |

15644 2436N 346U 708R 710CN 712CN 714B 718N 50364 2464A 646HD 346EA 7222C 1736A 1036A 2436N 346EA 346EA 3002A 6008A 1608A 7170P 236EA 236EA 9018 181X 130N 80N 69A

[illegible][illegible]

| | | | |
|-------|-----|------|------|
| 145M | 01 | 0.01 | 0.01 |
| 35EFT | 02 | 0.02 | 0.02 |
| 20PK | 03 | 0.03 | 0.03 |
| 271B | 04 | 0.04 | 0.04 |
| 225H | 05 | 0.05 | 0.05 |
| 162A | 06 | 0.06 | 0.06 |
| 14220 | 07 | 0.07 | 0.07 |
| 12EA | 08 | 0.08 | 0.08 |
| 12EA | 09 | 0.09 | 0.09 |
| 12EA | 10 | 0.10 | 0.10 |
| 12EA | 11 | 0.11 | 0.11 |
| 12EA | 12 | 0.12 | 0.12 |
| 12EA | 13 | 0.13 | 0.13 |
| 12EA | 14 | 0.14 | 0.14 |
| 12EA | 15 | 0.15 | 0.15 |
| 12EA | 16 | 0.16 | 0.16 |
| 12EA | 17 | 0.17 | 0.17 |
| 12EA | 18 | 0.18 | 0.18 |
| 12EA | 19 | 0.19 | 0.19 |
| 12EA | 20 | 0.20 | 0.20 |
| 12EA | 21 | 0.21 | 0.21 |
| 12EA | 22 | 0.22 | 0.22 |
| 12EA | 23 | 0.23 | 0.23 |
| 12EA | 24 | 0.24 | 0.24 |
| 12EA | 25 | 0.25 | 0.25 |
| 12EA | 26 | 0.26 | 0.26 |
| 12EA | 27 | 0.27 | 0.27 |
| 12EA | 28 | 0.28 | 0.28 |
| 12EA | 29 | 0.29 | 0.29 |
| 12EA | 30 | 0.30 | 0.30 |
| 12EA | 31 | 0.31 | 0.31 |
| 12EA | 32 | 0.32 | 0.32 |
| 12EA | 33 | 0.33 | 0.33 |
| 12EA | 34 | 0.34 | 0.34 |
| 12EA | 35 | 0.35 | 0.35 |
| 12EA | 36 | 0.36 | 0.36 |
| 12EA | 37 | 0.37 | 0.37 |
| 12EA | 38 | 0.38 | 0.38 |
| 12EA | 39 | 0.39 | 0.39 |
| 12EA | 40 | 0.40 | 0.40 |
| 12EA | 41 | 0.41 | 0.41 |
| 12EA | 42 | 0.42 | 0.42 |
| 12EA | 43 | 0.43 | 0.43 |
| 12EA | 44 | 0.44 | 0.44 |
| 12EA | 45 | 0.45 | 0.45 |
| 12EA | 46 | 0.46 | 0.46 |
| 12EA | 47 | 0.47 | 0.47 |
| 12EA | 48 | 0.48 | 0.48 |
| 12EA | 49 | 0.49 | 0.49 |
| 12EA | 50 | 0.50 | 0.50 |
| 12EA | 51 | 0.51 | 0.51 |
| 12EA | 52 | 0.52 | 0.52 |
| 12EA | 53 | 0.53 | 0.53 |
| 12EA | 54 | 0.54 | 0.54 |
| 12EA | 55 | 0.55 | 0.55 |
| 12EA | 56 | 0.56 | 0.56 |
| 12EA | 57 | 0.57 | 0.57 |
| 12EA | 58 | 0.58 | 0.58 |
| 12EA | 59 | 0.59 | 0.59 |
| 12EA | 60 | 0.60 | 0.60 |
| 12EA | 61 | 0.61 | 0.61 |
| 12EA | 62 | 0.62 | 0.62 |
| 12EA | 63 | 0.63 | 0.63 |
| 12EA | 64 | 0.64 | 0.64 |
| 12EA | 65 | 0.65 | 0.65 |
| 12EA | 66 | 0.66 | 0.66 |
| 12EA | 67 | 0.67 | 0.67 |
| 12EA | 68 | 0.68 | 0.68 |
| 12EA | 69 | 0.69 | 0.69 |
| 12EA | 70 | 0.70 | 0.70 |
| 12EA | 71 | 0.71 | 0.71 |
| 12EA | 72 | 0.72 | 0.72 |
| 12EA | 73 | 0.73 | 0.73 |
| 12EA | 74 | 0.74 | 0.74 |
| 12EA | 75 | 0.75 | 0.75 |
| 12EA | 76 | 0.76 | 0.76 |
| 12EA | 77 | 0.77 | 0.77 |
| 12EA | 78 | 0.78 | 0.78 |
| 12EA | 79 | 0.79 | 0.79 |
| 12EA | 80 | 0.80 | 0.80 |
| 12EA | 81 | 0.81 | 0.81 |
| 12EA | 82 | 0.82 | 0.82 |
| 12EA | 83 | 0.83 | 0.83 |
| 12EA | 84 | 0.84 | 0.84 |
| 12EA | 85 | 0.85 | 0.85 |
| 12EA | 86 | 0.86 | 0.86 |
| 12EA | 87 | 0.87 | 0.87 |
| 12EA | 88 | 0.88 | 0.88 |
| 12EA | 89 | 0.89 | 0.89 |
| 12EA | 90 | 0.90 | 0.90 |
| 12EA | 91 | 0.91 | 0.91 |
| 12EA | 92 | 0.92 | 0.92 |
| 12EA | 93 | 0.93 | 0.93 |
| 12EA | 94 | 0.94 | 0.94 |
| 12EA | 95 | 0.95 | 0.95 |
| 12EA | 96 | 0.96 | 0.96 |
| 12EA | 97 | 0.97 | 0.97 |
| 12EA | 98 | 0.98 | 0.98 |
| 12EA | 99 | 0.99 | 0.99 |
| 12EA | 100 | 1.00 | 1.00 |

464EAA
1917EAA
33FEAA
25FEAA
59HJ
2EEA
1EEA
1EEA
104EAG
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160EAA
546EAA
1EEA
20FEAA
440EAA
449EAA
43E

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511-5608

[illegible]

| | |
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| 0.99 | 0.145 |
| 1.41 | 0.30 |
| 5.66 | 0.168 |
| 0.10 | 0.031 |
| 0.07 | 0.3 |
| 0.0 | 0.033 |
| 0.0 | 0.0 |
| 0.0 | 0.0 |
| 0.41 | 0.324 |
| 0.0 | 0.0 |
| 0.0 | 0.0 |
| 9.17 | 0.330 |
| 0.06 | 0.331 |
| 0.0 | 0.0 |
| 3.69 | 0.132 |
| 0.50 | 0.319 |
| 0.0 | 0.0 |
| 0.0 | 0.0 |
| 0.01 | 0.331 |
| 2.46 | 0.092 |
| 0.10 | 0.035 |
| 3.66 | 0.046 |
| 0.20 | 0.003 |
| 0.0 | 0.0 |
| 6.50 | 0.311 |
| 0.05 | 0.003 |
| 0.0 | 0.0 |
| 1.56 | 0.026 |
| 0.0 | 0.0 |
| 0.03 | 0.002 |
| 0.0 | 0.0 |
| 0.0 | 0.0 |
| 7.04 | 5.183 |
| 0.50 | 0.0 |
| 0.0 | 0.0 |
| 3.58 | 0.047 |
| 0.0 | 0.0 |
| 0.0 | 0.0 |
| 0.15 | 0.012 |
| 0.0 | 0.0 |
| 0.0 | 0.0 |
| 3.50 | 0.242 |
| 0.0 | 0.0 |

[illegible]

[illegible][illegible][illegible]

69 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 10

[illegible][illegible]

ULF NQ0296
XCVI VY N
ANNUAL DEVA
CLUSTER 5

[illegible]

150LB 5EA
24CN 5EA
75018 2EA
777CN 2EA
116EA 2EA
225EA 2EA
170EA 2EA
377EA 2EA
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2EA 2EA
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432EA 2EA

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[illegible]

326

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212PKR
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20CNCN
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201FEA
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1SEAN
5NEEA
1GEAA
2HEUA
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9EEEA
88EEEA
154EEA
144BE

[illegible][illegible]

[illegible]

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23EEA
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20EFG
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10PG
6PD
16PD
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13PG
8PG
32PG
28PG
15P

[illegible][illegible]

ULC RD5834 AF
ACTIVITY
ANNUAL DEMAY
CLUSTER 10

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| 370 | 372 | 374 | 376 | 378 | 380 | 382 | 384 | 386 | 388 | 390 | 392 | 394 | 396 | 398 | 400 | 402 | 404 | 406 | 408 | 410 | 412 | 414 | 416 | 418 | 420 | 422 | 424 | 426 | 428 | 430 | 432 | 434 | 436 | 438 | 440 | 442 | 444 | 446 | 448 | 450 | 452 | 454 | 456 | 458 | 460 | 462 | 464 | 466 | 468 | 470 | 472 | 474 | 476 | 478 | 480 | 482 | 484 | 486 | 488 | 490 | 492 | 494 | 496 | 498 | 500 | 502 | 504 | 506 | 508 | 510 | 512 | 514 | 516 | 518 | 520 | 522 | 524 | 526 | 528 | 530 | 532 | 534 | 536 | 538 | 540 | 542 | 544 | 546 | 548 | 550 | 552 | 554 | 556 | 558 | 560 | 562 | 564 | 566 | 568 | 570 | 572 | 574 | 576 | 578 | 580 | 582 | 584 | 586 | 588 | 590 | 592 | 594 | 596 | 598 | 600 | 602 | 604 | 606 | 608 | 610 | 612 | 614 | 616 | 618 | 620 | 622 | 624 | 626 | 628 | 630 | 632 | 634 | 636 | 638 | 640 | 642 | 644 | 646 | 648 | 650 | 652 | 654 | 656 | 658 | 660 | 662 | 664 | 666 | 668 | 670 | 672 | 674 | 676 | 678 | 680 | 682 | 684 | 686 | 688 | 690 | 692 | 694 | 696 | 698 | 700 | 702 | 704 | 706 | 708 | 710 | 712 | 714 | 716 | 718 | 720 | 722 | 724 | 726 | 728 | 730 | 732 | 734 | 736 | 738 | 740 | 742 | 744 | 746 | 748 | 750 | 752 | 754 | 756 | 758 | 760 | 762 | 764 | 766 | 768 | 770 | 772 | 774 | 776 | 778 | 780 | 782 | 784 | 786 | 788 | 790 | 792 | 794 | 796 | 798 | 800 | 802 | 804 | 806 | 808 | 810 | 812 | 814 | 816 | 818 | 820 | 822 | 824 | 826 | 828 | 830 | 832 | 834 | 836 | 838 | 840 | 842 | 844 | 846 | 848 | 850 | 852 | 854 | 856 | 858 | 860 | 862 | 864 | 866 | 868 | 870 | 872 | 874 | 876 | 878 | 880 | 882 | 884 | 886 | 888 | 890 | 892 | 894 | 896 | 898 | 900 | 902 | 904 | 906 | 908 | 910 | 912 | 914 | 916 | 918 | 920 | 922 | 924 | 926 | 928 | 930 | 932 | 934 | 936 | 938 | 940 | 942 | 944 | 946 | 948 | 950 | 952 | 954 | 956 | 958 | 960 | 962 | 964 | 966 | 968 | 970 | 972 | 974 | 976 | 978 | 980 | 982 | 984 | 986 | 988 | 990 | 992 | 994 | 996 | 998 | 1000 | 1002 | 1004 | 1006 | 1008 | 1010 | 1012 | 1014 | 1016 | 1018 | 1020 | 1022 | 1024 | 1026 | 1028 | 1030 | 1032 | 1034 | 1036 | 1038 | 1040 | 1042 | 1044 | 1046 | 1048 | 1050 | 1052 | 1054 | 1056 | 1058 | 1060 | 1062 | 1064 | 1066 | 1068 | 1070 | 1072 | 1074 | 1076 | 1078 | 1080 | 1082 | 1084 | 1086 | 1088 | 1090 | 1092 | 1094 | 1096 | 1098 | 1100 | 1102 | 1104 | 1106 | 1108 | 1110 | 1112 | 1114 | 1116 | 1118 | 1120 | 1122 | 1124 | 1126 | 1128 | 1130 | 1132 | 1134 | 1136 | 1138 | 1140 | 1142 | 1144 | 1146 | 1148 | 1150 | 1152 | 1154 | 1156 | 1158 | 1160 | 1162 | 1164 | 1166 | 1168 | 1170 | 1172 | 1174 | 1176 | 1178 | 1180 | 1182 | 1184 | 1186 | 1188 | 1190 | 1192 | 1194 | 1196 | 1198 | 1200 | 1202 | 1204 | 1206 | 1208 | 1210 | 1212 | 1214 | 1216 | 1218 | 1220 | 1222 | 1224 | 1226 | 1228 | 1230 | 1232 | 1234 | 1236 | 1238 | 1240 | 1242 | 1244 | 1246 | 1248 | 1250 | 1252 | 1254 | 1256 | 1258 | 1260 | 1262 | 1264 | 1266 | 1268 | 1270 | 1272 | 1274 | 1276 | 1278 | 1280 | 1282 | 1284 | 1286 | 1288 | 1290 | 1292 | 1294 | 1296 | 1298 | 1300 | 1302 | 1304 | 1306 | 1308 | 1310 | 1312 | 1314 | 1316 | 1318 | 1320 | 1322 | 1324 | 1326 | 1328 | 1330 | 1332 | 1334 | 1336 | 1338 | 1340 | 1342 | 1344 | 1346 | 1348 | 1350 | 1352 | 1354 | 1356 | 1358 | 1360 | 1362 | 1364 | 1366 | 1368 | 1370 | 1372 | 1374 | 1376 | 1378 | 1380 | 1382 | 1384 | 1386 | 1388 | 1390 | 1392 | 1394 | 1396 | 1398 | 1400 | 1402 | 1404 | 1406 | 1408 | 1410 | 1412 | 1414 | 1416 | 1418 | 1420 | 1422 | 1424 | 1426 | 1428 | 1430 | 1432 | 1434 | 1436 | 1438 | 1440 | 1442 | 1444 | 1446 | 1448 | 1450 | 1452 | 1454 | 1456 | 1458 | 1460 | 1462 | 1464 | 1466 | 1468 | 1470 | 1472 | 1474 | 1476 | 1478 | 1480 | 1482 | 1484 | 1486 | 1488 | 1490 | 1492 | 1494 | 1496 | 1498 | 1500 | 1502 | 1504 | 1506 | 1508 | 1510 | 1512 | 1514 | 1516 | 1518 | 1520 | 1522 | 1524 | 1526 | 1528 | 1530 | 1532 | 1534 | 1536 | 1538 | 1540 | 1542 | 1544 | 1546 | 1548 | 1550 | 1552 | 1554 | 1556 | 1558 | 1560 | 1562 | 1564 | 1566 | 1568 | 1570 | 1572 | 1574 | 1576 | 1578 | 1580 | 1582 | 1584 | 1586 | 1588 | 1590 | 1592 | 1594 | 1596 | 1598 | 1600 | 1602 | 1604 | 1606 | 1608 | 1610 | 1612 | 1614 | 1616 | 1618 | 1620 | 1622 | 1624 | 1626 | 1628 | 1630 | 1632 | 1634 | 1636 | 1638 | 1640 | 1642 | 1644 | 1646 | 1648 | 1650 | 1652 | 1654 | 1656 | 1658 | 1660 | 1662 | 1664 | 1666 | 1668 | 1670 | 1672 | 1674 | 1676 | 1678 | 1680 | 1682 | 1684 | 1686 | 1688 | 1690 | 1692 | 1694 | 1696 | 1698 | 1700 | 1702 | 1704 | 1706 | 1708 | 1710 | 1712 | 1714 | 1716 | 1718 | 1720 | 1722 | 1724 | 1726 | 1728 | 1730 | 1732 | 1734 | 1736 | 1738 | 1740 | 1742 | 1744 | 1746 | 1748 | 1750 | 1752 | 1754 | 1756 | 1758 | 1760 | 1762 | 1764 | 1766 | 1768 | 1770 | 1772 | 1774 | 1776 | 1778 | 1780 | 1782 | 1784 | 1786 | 1788 | 1790 | 1792 | 1794 | 1796 | 1798 | 1800 | 1802 | 1804 | 1806 | 1808 | 1810 | 1812 | 1814 | 1816 | 1818 | 1820 | 1822 | 1824 | 1826 | 1828 | 1830 | 1832 | 1834 | 1836 | 1838 | 1840 | 1842 | 1844 | 1846 | 1848 | 1850 | 1852 | 1854 | 1856 | 1858 | 1860 | 1862 | 1864 | 1866 | 1868 | 1870 | 1872 | 1874 | 1876 | 1878 | 1880 | 1882 | 1884 | 1886 | 1888 | 1890 | 1892 | 1894 | 1896 | 1898 | 1900 | 1902 | 1904 | 1906 | 1908 | 1910 | 1912 | 1914 | 1916 | 1918 | 1920 | 1922 | 1924 | 1926 | 1928 | 1930 | 1932 | 1934 | 1936 | 1938 | 1940 | 1942 | 1944 | 1946 | 1948 | 1950 | 1952 | 1954 | 1956 | 1958 | 1960 | 1962 | 1964 | 1966 | 1968 | 1970 | 1972 | 1974 | 1976 | 1978 | 1980 | 1982 | 1984 | 1986 | 1988 | 1990 | 1992 | 1994 | 1996 | 1998 | 2000 | 2002 | 2004 | 2006 | 2008 | 2010 | 2012 | 2014 | 2016 | 2018 | 2020 | 2022 | 2024 | 2026 | 2028 | 2030 | 2032 | 2034 | 2036 | 2038 | 2040 | 2042 | 2044 | 2046 | 2048 | 2050 | 2052 | 2054 | 2056 | 2058 | 2060 | 2062 | 2064 | 2066 | 2068 | 2070 | 2072 | 2074 | 2076 | 2078 | 2080 | 2082 | 2084 | 2086 | 2088 | 2090 | 2092 | 2094 | 2096 | 2098 | 2100 | 2102 | 2104 | 2106 | 2108 | 2110 | 2112 | 2114 | 2116 | 2118 | 2120 | 2122 | 2124 | 2126 | 2128 | 2130 | 2132 | 2134 | 2136 | 2138 | 2140 | 2142 | 2144 | 2146 | 2148 | 2150 | 2152 | 2154 | 2156 | 2158 | 2160 | 2162 | 2164 | 2166 | 2168 | 2170 | 2172 | 2174 | 2176 | 2178 | 2180 | 2182 | 2184 | 2186 | 2188 | 2190 | 2192 | 2194 | 2196 | 2198 | 2200 | 2202 | 2204 | 2206 | 2208 | 2210 | 2212 | 2214 | 2216 | 2218 | 2220 | 2222 | 2224 | 2226 | 2228 | 2230 | 2232 | 2234 | 2236 | 2238 | 2240 | 2242 | 2244 | 2246 | 2248 | 2250 | 2252 | 2254 | 2256 | 2258 | 2260 | 2262 | 2264 | 2266 | 2268 | 2270 | 2272 | 2274 | 2276 | 2278 | 2280 | 2282 | 2284 | 2286 | 2288 | 2290 | 2292 | 2294 | 2296 | 2298 | 2300 | 2302 | 2304 | 2306 | 2308 | 2310 | 2312 | 2314 | 2316 | 2318 | 2320 | 2322 | 2324 | 2326 | 2328 | 2330 | 2332 | 2334 | 2336 | 2338 | 2340 | 2342 | 2344 | 2346 | 2348 | 2350 | 2352 | 2354 | 2356 | 2358 | 2360 | 2362 | 2364 | 2366 | 2368 | 2370 | 2372 | 2374 | 2376 | 2378 | 2380 | 2382 | 2384 | 2386 | 2388 | 2390 | 2392 | 2394 | 2396 | 2398 | 2400 | 2402 | 2404 | 2406 | 2408 | 2410 | 2412 | 2414 | 2416 | 2418 | 2420 | 2422 | 2424 | 2426 | 2428 | 2430 | 2432 | 2434 | 2436 | 2438 | 2440 | 2442 | 2444 | 2446 | 2448 | 2450 | 2452 | 2454 | 2456 | 2458 | 2460 | 2462 | 2464 | 2466 | 2468 | 2470 | 2472 | 2474 | 2476 | 2478 | 2480 | 2482 | 2484 | 2486 | 2488 | 2490 | 2492 | 2494 | 2496 | 2498 | 2500 | 2502 | 2504 | 2506 | 2508 | 2510 | 2512 | 2514 | 2516 | 2518 | 2520 | 2522 | 2524 | 2526 | 2528 | 2530 | 2532 | 2534 | 2536 | 2538 | 2540 | 2542 | 2544 | 2546 | 2548 | 2550 | 2552 | 2554 | 2556 | 2558 | 2560 | 2562 | 2564 | 2566 | 2568 | 2570 | 2572 | 2574 | 2576 | 2578 | 2580 | 2582 | 2584 | 2586 | 2588 | 2590 | 2592 | 2594 | 2596 | 2598 | 2600 | 2602 | 2604 | 2606 | 2608 | 2610 | 2612 | 2614 | 2616 | 2618 | 2620 | 2622 | 2624 | 2626 | 2628 | 2630 | 2632 | 2634 | 2636 | 2638 | 2640 | 2642 | 2644 | 2646 | 2648 | 2650 | 2652 | 2654 | 2656 | 2658 | 2660 | 2662 | 2664 | 2666 | 2668 | 2670 | 2672 | 2674 | 2676 | 2678 | 2680 | 2682 | 2684 | 2686 | 2688 | 2690 | 2692 | 2694 | 2696 | 2698 | 2700 | 2702 | 2704 | 2706 | 2708 | 2710 | 2712 | 2714 | 2716 | 2718 | 2720 | 2722 | 2724 | 2726 | 2728 | 2730 | 2732 | 2734 | 2736 | 2738 | 2740 | 2742 | 2744 | 2746 | 2748 | 2750 | 2752 | 2754 | 2756 | 2758 | 2760 | 2762 | 2764 | 2766 | 2768 | 2770 | 2772 | 2774 | 2776 | 2778 | 2780 | 2782 | 2784 | 2786 | 2788 | 2790 | 2792 | 2794 | 2796 | 2798 | 2800 | 2802 | 2804 | 2806 | 2808 | 2810 | 2812 | 2814 | 2816 | 2818 | 2820 | 2822 | 2824 | 2826 | 2828 | 2830 | 2832 | 2834 | 2836 | 2838 | 2840 | 2842 | 2844 | 2846 | 2848 | 2850 | 2852 | 2854 | 2856 | 2858 | 2860 | 2862 | 2864 | 2866 | 2868 | 2870 | 2872 | 2874 | 2876 | 2878 | 2880 | 2882 | 28 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--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344

UIC RQ5831 AFS 1
ACTIVITY AFS 1
ANNUAL DEMANDS 1
CLUSTER 10

[illegible]

[illegible]

1E A
3F A A
2I E A
4P E A
7B E A
1O P E A
2F E A
1E A
1I O C A
6P E A
1I C A
4C N
39 C N
4E A
3P E A
1E A
44 C A
53 C E A
6E A
1E A
1D X A
1E A
1E

[illegible][illegible]

1EA
43FA
173EA
4774JR
185FTN
555FTN
12251EA
241EA
6EA
17EA
11EA
3PR
3PR
8PR
3EA
1EA
1EA
56CN
39EA
20EA
26EA
1EA
96EA
205NZ
34EA
1EA

[illegible][illegible]

CLUSTER 2

| COG | NSN | UIC | DEMANDS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | ACTYCUI | NWT | NCUB |
|------------------------|-----|-----|---------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|---------|-------|-------|
| KZ511000637323R03343 | 148 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 731EA | 04 | 0.001 |
| KZ51100063764773R03343 | 77 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78EA | 0.25 | 0.001 |
| KZ511000637722403343 | 97 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 63EA | 0.01 | 0.001 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23ET | 0.05 | 0.001 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19ET | 0.05 | 0.001 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60ET | 0.02 | 0.001 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73EA | 0.03 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1EA | 0.13 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4PR | 3.75 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 131EA | 0.39 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45EA | 3.92 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10EA | 18.50 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41EA | 1.00 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49ET | 0.09 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3EA | 0.01 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65EA | 3.56 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43EA | 0.15 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 84EA | 0.01 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30EA | 3.39 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33EA | 3.57 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11EA | 0.01 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1EA | 0.01 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 4.00 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7EA | 0.40 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29ET | 3.75 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3PR | 0.13 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3PR | 0.13 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 3.40 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 16.20 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3PR | 0.13 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18EA | 0.01 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3PR | 4.50 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5PR | 0.50 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4PR | 0.56 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5PR | 3.50 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8PR | 3.50 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8PR | 1.00 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8PR | 4.00 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8PR | 0.01 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30ET | 0.01 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36ET | 0.25 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 0.75 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4EA | 0.90 | 0.002 |
| KZ5110006379956403343 | 95 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3PR | 3.75 | 0.002 |

UIC N20124
ACTIVITY AUR 5

[illegible]

UFG R68253
ACTIVITY
ANNUAL DEMAN
CLUSTER 2

| COG | NSN | UIC | DEMANDS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | PRIORITIES | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | AQTYCUI | NWT | NCJ |
|------------|-------------|-----|---------|---|---|---|---|---|---|---|------------|---|---|----|----|----|----|----|----|---------|-----|-----|
| 9079200020 | 1711R64250 | 24 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 29E | 0 | 0 |
| CA62100021 | 15435306250 | 22 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 40EA | 12 | 0 |
| CA62100022 | 15435306250 | 21 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 94VD | 2 | 0 |
| CA62100023 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 663CM | 0 | 0 |
| CA62100024 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 752VC | 0 | 0 |
| CA62100025 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 38C | 0 | 0 |
| KZ53150023 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 26X | 0 | 0 |
| KZ53150024 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 26X | 0 | 0 |
| KZ53150025 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 26X | 0 | 0 |
| KZ53150026 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 26X | 0 | 0 |
| KZ53150027 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 26X | 0 | 0 |
| KZ53150028 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 26X | 0 | 0 |
| KZ53150029 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 26X | 0 | 0 |
| KZ53150030 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 26X | 0 | 0 |
| KZ53150031 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 26X | 0 | 0 |
| KZ53150032 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 26X | 0 | 0 |
| KZ53150033 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 26X | 0 | 0 |
| KZ53150034 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 26X | 0 | 0 |
| KZ53150035 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 26X | 0 | 0 |
| KZ53150036 | 15435306250 | 16 | 000000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 26X | 0 | 0 |

[illegible]

UIC K 20118 AFS 7
ACTIVITY

[illegible]

[illegible]

VIC N68378
 ACTIVITIES
 ANNUAL DEMANDS 4894
 CLUSTER 1

| COG | NSN | UIC | DEMANDS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | AQTYCUI | VMT | ACUB |
|-----------------------|-----|-----|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|--------|-------|
| 1A5235007183311168378 | | | 14 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 18EA | 0.57 | 0.029 |
| 9A2010004497711168378 | | | 12 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 13RD | 0.00 | 0.010 |
| 9A2010002657711168378 | | | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 18EA | 0.00 | 0.000 |
| AA4710002311242168378 | | | 11 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 37EA | 0.00 | 0.010 |
| AA4710003150150168378 | | | 10 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 21EA | 0.35 | 0.010 |
| AA4710001254215168378 | | | 10 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 21EA | 0.03 | 0.010 |
| 9A4710002711365168378 | | | 10 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 23EA | 0.00 | 0.000 |
| CA424000293249168378 | | | 10 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 40EA | 11.50 | 0.010 |
| AX42400051522168378 | | | 10 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 19EA | 0.00 | 0.010 |
| K795150071871168378 | | | 10 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 17EA | 0.00 | 0.010 |
| 9A201000104010168378 | | | 10 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 16EA | 0.00 | 0.010 |
| AX47100017401168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 3420CF | 197.00 | 0.010 |
| K795150071871168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 18EA | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 12EA | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 41RD | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 7EA | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 103CF | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 20RD | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 77EA | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 25EA | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 27GL | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 4471 | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 46EA | 0.50 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 82EA | 0.55 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 711B | 1.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 369C | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 142PR | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 05 | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 2250CF | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 31FA | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 11RD | 1.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 240EA | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 25CN | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 26EA | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 14GL | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 13EA | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 37EA | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 15EA | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 43EA | 1.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 23RD | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 22FT | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 25PT | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 8EA | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 14RD | 0.00 | 0.010 |
| 9A2010002711365168378 | | | 9 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 152EA | 0.00 | 0.010 |

ULC N54050
ACTIVITY
ANNUAL DEMA
CLUSTER 7

[illegible]

| COG | NSN | UIC | DEMANDS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | PRIORITIES | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | AQTYEUI | WMT | FCUJ |
|-----------|-------------|-----|---------|---|---|---|---|---|---|---|------------|---|---|----|----|----|----|----|----|---------|------|-------|
| 928135000 | 58296R33022 | | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58X | 0.17 | 0.040 |
| 928135000 | 58296R33022 | | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200LR | 1.51 | 0.016 |
| 928135000 | 58296R33022 | | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4EA | 0.51 | 0.021 |
| 928135000 | 58296R33022 | | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 224LD | 1.04 | 0.050 |
| 928135000 | 58296R33022 | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86CM | 2.00 | 0.0 |
| 928135000 | 58296R33022 | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39E | 0.00 | 0.113 |
| 928135000 | 58296R33022 | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3EA | 0.00 | 0.0 |
| 928135000 | 58296R33022 | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50CM | 3.58 | 0.037 |
| 928135000 | 58296R33022 | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5EA | 3.50 | 0.365 |
| 928135000 | 58296R33022 | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60C1 | 6.50 | 0.133 |
| 928135000 | 58296R33022 | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90LR | 1.02 | 0.017 |
| 928135000 | 58296R33022 | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7CM | 1.00 | 0.0 |
| 928135000 | 58296R33022 | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68C1 | 0.25 | 0.010 |
| 928135000 | 58296R33022 | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8EA | 0.00 | 0.0 |
| 928135000 | 58296R33022 | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39JK | 3.25 | 0.075 |
| 928135000 | 58296R33022 | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21PC | 0.00 | 0.0 |
| 928135000 | 58296R33022 | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28CM | 7.81 | 0.193 |
| 928135000 | 58296R33022 | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40RM | 0.00 | 0.0 |
| 928135000 | 58296R33022 | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41CZ | 1.83 | 0.042 |
| 928135000 | 58296R33022 | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25EA | 0.00 | 0.0 |
| 928135000 | 58296R33022 | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1PR | 3.92 | 0.242 |
| 928135000 | 58296R33022 | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66CM | 3.92 | 0.257 |
| 928135000 | 58296R33022 | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1PR | 3.75 | 0.030 |
| 928135000 | 58296R33022 | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1PR | 3.75 | 0.211 |
| 928135000 | 58296R33022 | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 143EA | 0.01 | 0.010 |
| 928135000 | 58296R33022 | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44CM | 1.81 | 0.041 |
| 928135000 | 58296R33022 | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70MD | 1.15 | 0.035 |
| 928135000 | 58296R33022 | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3EA | 0.00 | 0.0 |
| 928135000 | 58296R33022 | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4EA | 0.00 | 0.0 |
| 928135000 | 58296R33022 | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37CM | 0.00 | 0.157 |
| 928135000 | 58296R33022 | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17CM | 7.00 | 0.1 |
| 928135000 | 58296R33022 | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14CM | 7.50 | 0.133 |
| 928135000 | 58296R33022 | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4EA | 0.00 | 0.133 |
| 928135000 | 58296R33022 | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24CM | 8.00 | 0.133 |
| 928135000 | 58296R33022 | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16C1 | 0.00 | 0.0 |
| 928135000 | 58296R33022 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 0.00 | 0.0 |
| 928135000 | 58296R33022 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3EA | 0.00 | 0.0 |
| 928135000 | 58296R33022 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25CM | 7.83 | 0.146 |
| 928135000 | 58296R33022 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50CM | 3.59 | 0.041 |
| 928135000 | 58296R33022 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14CM | 1.33 | 0.048 |
| 928135000 | 58296R33022 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96LR | 2.10 | 0.070 |
| 928135000 | 58296R33022 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 84LR | 1.10 | 0.048 |
| 928135000 | 58296R33022 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38LR | 1.10 | 0.048 |
| 928135000 | 58296R33022 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16EA | 0.37 | 0.043 |
| 928135000 | 58296R33022 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7EA | 0.37 | 0.043 |
| 928135000 | 58296R33022 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86CM | 1.13 | 0.024 |

UIA R20122
ACTIVITY ATR 3
ANNUAL DEMANDS 4594
CLUSTER 10

| CUG | NSN | UIC | DEMANDS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | AQTYGUI | NMT | NCUB |
|------------------------|-----|-----|---------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|---------|-------|-------|
| 9451200024053328R20122 | | | 15 | | | | | | | | | | | | | 12 | | | 3EA | 0.53 | 0.006 |
| 9473500031623106R20122 | | | 13 | | | | | | | | | | | | | 12 | | | 278X | 0.0 | 0.0 |
| 948520002700363R20122 | | | 13 | | | | | | | | | | | | | 10 | | | 1006G | 10.20 | 0.254 |
| 94810500654295R20122 | | | 12 | | | | | | | | | | | | | 11 | | | 128X | 0.0 | 0.0 |
| 948950001279740R20122 | | | 12 | | | | | | | | | | | | | 10 | | | 4148T | 0.0 | 0.0 |
| 948925001273374R20122 | | | 12 | | | | | | | | | | | | | 10 | | | 4294G | 0.0 | 0.173 |
| 94735000126345R20122 | | | 11 | | | | | | | | | | | | | 11 | | | 1121H | 1.30 | 0.173 |
| 94735000374431R20122 | | | 11 | | | | | | | | | | | | | 11 | | | 114CN | 4.50 | 0.173 |
| 94735000264371R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 3PK | 3.50 | 0.174 |
| 9473500035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 3FA | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 22FA | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 44FA | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 265SH | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 48CN | 5.66 | 0.176 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 124CN | 3.53 | 0.177 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 589LH | 1.04 | 0.021 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 201FA | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 38CN | 1.50 | 0.001 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 33CN | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 27HE | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 37PG | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 26CN | 7.50 | 0.113 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 286FA | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 135RM | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 3PR | 3.92 | 0.242 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 22FA | 0.01 | 0.001 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 27CN | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 89CN | 7.83 | 0.143 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 91A | 7.33 | 0.133 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 3EA | 0.10 | 0.001 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 109CN | 1.50 | 0.000 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 83FA | 3.67 | 0.033 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 11A | 0.10 | 0.009 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 74FA | 0.0 | 0.009 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 3PR | 3.92 | 0.001 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 5EA | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 70Z | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 192CN | 2.00 | 0.000 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 11PG | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 201R | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 22FA | 0.01 | 0.001 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 52HD | 1.15 | 0.005 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 7PD | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 106CN | 1.87 | 0.001 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 8PC | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 4EA | 0.25 | 0.009 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 15EA | 0.0 | 0.0 |
| 9481200035443R20122 | | | 11 | | | | | | | | | | | | | 10 | | | 40Z | 0.0 | 0.0 |

ULC 295849 ACR 1
ACT 1 VI YV
ANNUAL DEMANDS
CLUSTER 10

| CDG | NSN | JIC | DEMANDS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | PRIORITIES | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | AQI | VEUI | NWT | NCUI |
|------------------------|-----|-----|---------|---|---|---|---|---|---|---|------------|---|---|----|----|----|----|----|----|-------|------|-------|-------|
| 9J8105000558286R05849 | | | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 93X | | 0 | 0 |
| CY84300005755755K05849 | | | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 2PR | | 3.75 | 0.211 |
| 9J81300005755755K05849 | | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3PR | | 6.00 | 0.167 |
| CX9130000663775K05849 | | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 3CN | | 0.0 | 0.0 |
| 9J72200002050347R05849 | | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 52EA | | 1.42 | 0.071 |
| CJ72200001481317R05849 | | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 56EA | | 0.0 | 0.0 |
| 11J02LFP0131310R05849 | | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 28X | | 0.0 | 0.0 |
| 11J02LFP0131310R05849 | | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 33X | | 0.31 | 0.015 |
| CY72200002312732R05849 | | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 34EA | | 0.0 | 0.0 |
| CY7530000237766R05849 | | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 33X | | 0.0 | 0.0 |
| CZ8430000582406R05849 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 101CN | | 7.33 | 0.07 |
| 9J7530000237766R05849 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 71R | | 0.0 | 0.0 |
| CY643000058555R05849 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 1PR | | 3.50 | 0.134 |
| 9J7530000237766R05849 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 65X | | 0.0 | 0.0 |
| 9J8130000237766R05849 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 10CN | | 7.70 | 0.153 |
| CJ843000058555R05849 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 21EA | | 0.0 | 0.0 |
| 11J02LFP0131310R05849 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5PG | | 0.0 | 0.0 |
| CZ843000058555R05849 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3099T | | 10.16 | 0.193 |
| CZ8925000127373R05849 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 16PG | | 0.0 | 0.0 |
| 9J813000058555R05849 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 5PR | | 0.0 | 0.0 |
| 9J793000014156R05849 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 10CN | | 0.04 | 0.002 |
| CZ533000013121R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 119FA | | 0.0 | 0.0 |
| 9J813000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 16CN | | 0.0 | 0.0 |
| 9J793000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 363X | | 0.0 | 0.0 |
| CX59300001755755K05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2PR | | 0.44 | 0.017 |
| CZ3930000257373R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2PR | | 0.17 | 0.037 |
| CZ843000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 37CN | | 4.17 | 0.209 |
| CY4430000565775K05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 123CN | | 3.58 | 0.037 |
| CY4430000565775K05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2PR | | 4.92 | 0.207 |
| CZ843000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1PR | | 4.00 | 0.211 |
| CZ843000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 125BG | | 10.20 | 0.234 |
| CZ843000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 325EA | | 0.0 | 0.0 |
| CZ843000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 360LH | | 1.17 | 0.040 |
| 9J793000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 64X | | 0.0 | 0.0 |
| CZ843000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5CN | | 7.17 | 0.143 |
| 9J793000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1PR | | 0.0 | 0.0 |
| 9J7530000237766R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2FA | | 0.0 | 0.0 |
| 9J7530000237766R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3FA | | 0.0 | 0.0 |
| CZ843000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3PR | | 0.0 | 0.0 |
| CZ843000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 73CN | | 7.83 | 0.183 |
| 9J7930000237766R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 28EA | | 1.33 | 0.167 |
| CX643000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2DR | | 55.00 | 1.230 |
| CZ843000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 216CN | | 2.00 | 0.050 |
| CZ843000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 4EA | | 0.25 | 0.005 |
| 9J793000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 420LH | | 1.04 | 0.021 |
| 9J793000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2HD | | 0.0 | 0.0 |
| 9J793000058555R05849 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5EA | | 0.23 | 0.017 |

UIC 155522
ACTIVITY SUB DEVELOPMENT GRI, SAN DIEGO
ANNUAL DEMANDS 4083
CLUSTER 3

| COG | NSN | UIC | DEMANDS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | ACTYU1 | HWI | PCUH |
|-----------------------|-----|-----|---------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|--------|--------|--------|
| KZ5330001716768455522 | 17 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3EA | 0.01 | 0.001 |
| CX4130000508797455522 | 12 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6EA | 0.13 | 0.053 |
| 4Y613501231120455522 | 11 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7PU | 0.0 | 0.0 |
| KZ533001986177455522 | 10 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6EA | 0.01 | 0.001 |
| KZ533001963649735522 | 9 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 0.01 | 0.001 |
| CX624000270649735522 | 9 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 0.01 | 0.001 |
| 9Y514000324406455522 | 9 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | HEA | 0.01 | 0.0 |
| KZ533000684370K55522 | 9 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5PU | 0.01 | 0.004 |
| 110137LF7135210K55522 | 8 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 0.01 | 0.001 |
| KZ5330005606311K55522 | 7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1EA | 0.18 | 0.014 |
| CX6240003578555K55522 | 7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1EA | 0.12 | 0.009 |
| CX6210003590297K55522 | 7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5EA | 0.07 | 0.003 |
| TX59400040224K55522 | 7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15EA | 0.20 | 0.007 |
| CY3405002248530K55522 | 7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1EA | 0.08 | 0.007 |
| KZ53300016351855522 | 7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1EA | 0.01 | 0.012 |
| 1M45000132517K55522 | 7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 0.01 | 0.012 |
| CX624000155136455522 | 7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 0.01 | 0.011 |
| AA412000473447055522 | 7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 0.02 | 0.001 |
| KZ53300083614355522 | 7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3EA | 0.03 | 0.004 |
| CX60100072874K55522 | 7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6349 | 0.03 | 0.004 |
| 37813500555864K55522 | 7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50X | 0.0 | 0.0 |
| KZ53300010451855522 | 7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1EA | 0.01 | 0.001 |
| KZ5330007271332K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3EA | 0.01 | 0.001 |
| KZ533000501226K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3EA | 0.01 | 0.001 |
| 110135LF641630K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42PG | 0.0 | 0.0 |
| KZ533000391014K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 0.01 | 0.011 |
| CX624000763774K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49EA | 0.01 | 0.011 |
| CX413000491331K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7SE | 0.01 | 0.049 |
| CX624000157457K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18EA | 0.01 | 0.001 |
| 1M6810001264454K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30T | 0.01 | 0.001 |
| 1M577305360070K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4FA | 0.75 | 0.029 |
| CX612000321132K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4FA | 0.0 | 0.0 |
| KZ533000194370K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 198T | 0.31 | 0.015 |
| KZ533000231410K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6EA | 0.02 | 0.001 |
| TX5420002960351K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1EA | 0.02 | 0.002 |
| CY84300039573K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25EA | 0.19 | 0.009 |
| CY84300039573K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3PR | 0.92 | 0.007 |
| KZ533000541340K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3PR | 0.50 | 0.011 |
| KZ533000541340K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1EA | 0.01 | 0.011 |
| CY843000541340K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3PR | 0.01 | 0.011 |
| KZ533000541340K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1EA | 0.01 | 0.001 |
| KZ533000541340K55522 | 6 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 0.01 | 0.001 |
| 1M3345003214554K55522 | 5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6EA | 0.02 | 0.001 |
| 1M577700393334K55522 | 5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17FA | 0.0 | 0.0 |
| CX9150002339052K55522 | 5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3DR | 455.00 | 11.001 |
| 9Y512000262841K55522 | 5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 0.0 | 0.0 |
| KZ5330002609311K55522 | 5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4EA | 0.01 | 0.001 |
| 9Y792000260127K55522 | 5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4EA | 0.0 | 0.0 |
| KZ533000196534K55522 | 5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17EA | 0.01 | 0.001 |
| KZ533000196534K55522 | 5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17EA | 0.01 | 0.001 |
| AX4210000962668K55522 | 5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4EA | 0.01 | 0.001 |
| | | | | | | | | | | | | | | | | | | | 3EA | 1.50 | 0.209 |

UIC R 20113
ACTIVITY AE 32 3866
ANNUAL DEMANDS
CLUSTER 10

| COG | NSN | UIC | DEMANDS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | AQTYGUI | NWT | LCUH |
|------|----------|-----------|---------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|---------|-------|-------|
| 9479 | 20002051 | 111R20113 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | LINE | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 0.53 | 0.036 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51EA | 0.10 | 0.039 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15AX | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144CN | 3.53 | 0.087 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200CN | 2.00 | 0.050 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 424ST | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44RN | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 163CN | 19.16 | 0.173 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100HG | 1.04 | 0.121 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 720LB | 1.56 | 0.176 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 3.50 | 0.211 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1PR | 3.50 | 0.217 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100EA | 0.10 | 0.033 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77FA | 0.71 | 0.033 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9FU | 0.10 | 0.023 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139CN | 4.64 | 0.039 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8EA | 0.07 | 0.019 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20EA | 3.67 | 0.307 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2EA | 3.93 | 0.267 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1PR | 7.33 | 0.133 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90CN | 1.17 | 0.030 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54RN | 0.62 | 0.023 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5HD | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1SE | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21PG | 3.25 | 0.015 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96JR | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4EA | 1.63 | 0.033 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 128CN | 1.13 | 0.024 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107 | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2BX | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140G | 10.20 | 0.219 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22FA | 4.25 | 0.400 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19FA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4RX | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95CN | 7.83 | 0.143 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2LH | 1.60 | 0.010 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17PG | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 128CU | 0.17 | 0.033 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 280CN | 7.83 | 0.126 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | 111R20113 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332EA | 0.0 | 0.0 |
| 9479 | 20002051 | | | | | | | | | | | | | | | | | | | | |

[illegible]

UIC R 20112
ACTIVITY AF 29
ANNUAL DEMANDS 3778
CLUSTER 10

| COG | NSN | UIC | DEMANDS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | AQYEU | NWT | NCUB |
|-----------------------|-----|-----|---------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|-------|-------|-------|
| 927510002066710420112 | | | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3480 | 0.0 | 0.0 |
| 928105005558486820112 | | | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 138X | 0.0 | 0.0 |
| 927510002282356820112 | | | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 848M | 0.0 | 0.0 |
| 92751000229030420112 | | | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 56L | 0.0 | 0.0 |
| 92613500120120420112 | | | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5PG | 0.0 | 0.0 |
| 92751000234532420112 | | | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5MD | 0.0 | 0.0 |
| 92792000205171420112 | | | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 8AF | 0.0 | 0.0 |
| 927510002098303720112 | | | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | ADR | 0.0 | 0.0 |
| 92751000231478320112 | | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2EA | 0.0 | 0.0 |
| 927510002345110420112 | | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5AN | 0.0 | 0.0 |
| 927510002211347820112 | | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2FA | 0.0 | 0.0 |
| 92751000273153420112 | | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 18FA | 0.06 | 0.02 |
| 927510002668571420112 | | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3PR | 0.56 | 0.134 |
| 927510002816130420112 | | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5EA | 0.0 | 0.0 |
| 92751000281553420112 | | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 16EA | 0.10 | 0.039 |
| 92751000297562820112 | | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 49EA | 0.24 | 0.020 |
| 927510002715415420112 | | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 17FA | 0.0 | 0.0 |
| 92751000272662820112 | | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 78X | 0.0 | 0.0 |
| 927510002735252420112 | | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 60X | 0.0 | 0.0 |
| 92751000222352420112 | | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 4EA | 0.0 | 0.0 |
| 92751000234350420112 | | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 94CN | 7.33 | 0.143 |
| 92751000273094820112 | | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 146CN | 2.00 | 0.050 |
| 9275100026516820112 | | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 18EA | 0.0 | 0.0 |
| 92751000277809420112 | | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | APD | 0.0 | 0.0 |
| 92751000261630420112 | | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 12PG | 0.0 | 0.0 |
| 92751000235713420112 | | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1207 | 0.0 | 0.0 |
| 9275100027120420112 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 407 | 0.0 | 0.0 |
| 92751000233694820112 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 6FA | 0.0 | 0.0 |
| 927510002340218420112 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 510EB | 1.04 | 0.021 |
| 927510002340218420112 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 103CN | 3.58 | 0.037 |
| 927510002340218420112 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 12A | 0.12 | 0.035 |
| 927510002340218420112 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 49CN | 7.83 | 0.166 |
| 927510002340218420112 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 48X | 0.0 | 0.0 |
| 927510002340218420112 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3EA | 0.53 | 0.036 |
| 927510002340218420112 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 49X | 0.0 | 0.0 |
| 927510002340218420112 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 24HD | 0.0 | 0.0 |
| 927510002340218420112 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 35A | 0.0 | 0.0 |
| 927510002340218420112 | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2350G | 0.01 | 0.031 |
| 927510002340218420112 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2350G | 10.23 | 0.254 |
| 927510002340218420112 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 63CN | 7.83 | 0.143 |
| 927510002340218420112 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 55CN | 8.00 | 0.0 |
| 927510002340218420112 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 200EA | 0.20 | 0.039 |
| 927510002340218420112 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 24EA | 0.0 | 0.0 |
| 927510002340218420112 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 207 | 0.0 | 0.0 |
| 927510002340218420112 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 514LH | 1.17 | 0.010 |
| 927510002340218420112 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 48CN | 0.58 | 0.014 |
| 927510002340218420112 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1380 | 0.42 | 0.017 |
| 927510002340218420112 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1380 | 55.00 | 1.230 |
| 927510002340218420112 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 18CN | 55.50 | 6.133 |
| 927510002340218420112 | | | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2EA | 0.10 | 0.039 |

APPEND Q

CALENDAR SUMMARY OF DEMAND BY
NSC OAKLAND'S 25 TOP LOCAL CUSTOMER

| Category | Sub-category | Item | Value | Unit | Notes |
|---------------|------------------|----------------|-------|--------|-------|
| MATERIALS | Raw Materials | Steel | 100 | kg | |
| | | Aluminum | 50 | kg | |
| | | Copper | 25 | kg | |
| | | Iron | 150 | kg | |
| | | Lead | 75 | kg | |
| | | Zinc | 30 | kg | |
| | | Nickel | 10 | kg | |
| | | Chromium | 5 | kg | |
| | | Manganese | 20 | kg | |
| | | Silicon | 15 | kg | |
| MANUFACTURING | Production Costs | Electricity | 120 | kWh | |
| | | Water | 80 | m³ | |
| | | Gas | 40 | m³ | |
| | | Oil | 60 | liters | |
| | | Coal | 30 | tons | |
| | | Wood | 10 | m³ | |
| | | Plastic | 5 | kg | |
| | | Paint | 2 | kg | |
| | | Adhesive | 1 | kg | |
| | | Sealant | 1 | kg | |
| LABOR | Wages | Hourly Rate | 15 | \$/hr | |
| | | Monthly Salary | 1200 | \$/mo | |
| | | Annual Salary | 14400 | \$/yr | |
| | | Overhead | 100 | \$/hr | |
| | | Benefits | 50 | \$/hr | |
| | | Training | 20 | \$/hr | |
| | | Travel | 10 | \$/hr | |
| | | Meals | 5 | \$/hr | |
| | | Transportation | 5 | \$/hr | |
| | | Communication | 5 | \$/hr | |
| SALES | Marketing Costs | Advertising | 500 | \$/mo | |
| | | Promotional | 200 | \$/mo | |
| | | Publicity | 100 | \$/mo | |
| | | Research | 50 | \$/mo | |
| | | Development | 50 | \$/mo | |
| | | Testing | 50 | \$/mo | |
| | | Production | 50 | \$/mo | |
| | | Distribution | 50 | \$/mo | |
| | | Installation | 50 | \$/mo | |
| | | Maintenance | 50 | \$/mo | |
| FINANCIAL | Interest | Bank | 5% | yr | |
| | | Investment | 10% | yr | |
| | | Insurance | 2% | yr | |
| | | Taxes | 1% | yr | |
| | | Depreciation | 5% | yr | |
| | | Amortization | 5% | yr | |
| | | Provision | 5% | yr | |
| | | Reserve | 5% | yr | |
| | | Contingency | 5% | yr | |
| | | Emergency | 5% | yr | |

| Category | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|----------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 5 | 1 | 2 | 3 | 4 | 5 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 15 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 16 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
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| 18 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
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| 20 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 21 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 22 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 23 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 24 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 25 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 26 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 27 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 28 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 29 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 30 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 31 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 32 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 33 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 34 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 35 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 36 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 37 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 38 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 39 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 40 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 41 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 42 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 43 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 44 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 45 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 46 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 47 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 48 | 0 | 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
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204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 810 | 811 | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 820 | 821 | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 830 | 831 | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 | 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 850 | 851 | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 860 | 861 | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 870 | 871 | 872 | 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880 | 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 | 889 | 890 | 891 | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910 | 911 | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920 | 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 930 | 931 | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 940 | 941 | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 950 | 951 | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 | 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 970 | 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980 | 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990 | 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 | 1001 | 1002 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 | 1009 | 1010 | 1011 | 1012 | 1013 | 1014 | 1015 | 1016 | 1017 | 1018 | 1019 | 1020 | 1021 | 1022 | 1023 | 1024 | 1025 | 1026 | 1027 | 1028 | 1029 | 1030 | 1031 | 1032 | 1033 | 1034 | 1035 | 1036 | 1037 | 1038 | 1039 | 1040 | 1041 | 1042 | 1043 | 1044 | 1045 | 1046 | 1047 | 1048 | 1049 | 1050 | 1051 | 1052 | 1053 | 1054 | 1055 | 1056 | 1057 | 1058 | 1059 | 1060 | 1061 | 1062 | 1063 | 1064 | 1065 | 1066 | 1067 | 1068 | 1069 | 1070 | 1071 | 1072 | 1073 | 1074 | 1075 | 1076 | 1077 | 1078 | 1079 | 1080 | 1081 | 1082 | 1083 | 1084 | 1085 | 1086 | 1087 | 1088 | 1089 | 1090 | 1091 | 1092 | 1093 | 1094 | 1095 | 1096 | 1097 | 1098 | 1099 | 1100 | 1101 | 1102 | 1103 | 1104 | 1105 | 1106 | 1107 | 1108 | 1109 | 1110 | 1111 | 1112 | 1113 | 1114 | 1115 | 1116 | 1117 | 1118 | 1119 | 1120 | 1121 | 1122 | 1123 | 1124 | 1125 | 1126 | 1127 | 1128 | 1129 | 1130 | 1131 | 1132 | 1133 | 1134 | 1135 | 1136 | 1137 | 1138 | 1139 | 1140 | 1141 | 1142 | 1143 | 1144 | 1145 | 1146 | 1147 | 1148 | 1149 | 1150 | 1151 | 1152 | 1153 | 1154 | 1155 | 1156 | 1157 | 1158 | 1159 | 1160 | 1161 | 1162 | 1163 | 1164 | 1165 | 1166 | 1167 | 1168 | 1169 | 1170 | 1171 | 1172 | 1173 | 1174 | 1175 | 1176 | 1177 | 1178 | 1179 | 1180 | 1181 | 1182 | 1183 | 1184 | 1185 | 1186 | 1187 | 1188 | 1189 | 1190 | 1191 | 1192 | 1193 | 1194 | 1195 | 1196 | 1197 | 1198 | 1199 | 1200 | 1201 | 1202 | 1203 | 1204 | 1205 | 1206 | 1207 | 1208 | 1209 | 1210 | 1211 | 1212 | 1213 | 1214 | 1215 | 1216 | 1217 | 1218 | 1219 | 1220 | 1221 | 1222 | 1223 | 1224 | 1225 | 1226 | 1227 | 1228 | 1229 | 1230 | 1231 | 1232 | 1233 | 1234 | 1235 | 1236 | 1237 | 1238 | 1239 | 1240 | 1241 | 1242 | 1243 | 1244 | 1245 | 1246 | 1247 | 1248 | 1249 | 1250 | 1251 | 1252 | 1253 | 1254 | 1255 | 1256 | 1257 | 1258 | 1259 | 1260 | 1261 | 1262 | 1263 | 1264 | 1265 | 1266 | 1267 | 1268 | 1269 | 1270 | 1271 | 1272 | 1273 | 1274 | 1275 | 1276 | 1277 | 1278 | 1279 | 1280 | 1281 | 1282 | 1283 | 1284 | 1285 | 1286 | 1287 | 1288 | 1289 | 1290 | 1291 | 1292 | 1293 | 1294 | 1295 | 1296 | 1297 | 1298 | 1299 | 1300 | 1301 | 1302 | 1303 | 1304 | 1305 | 1306 | 1307 | 1308 | 1309 | 1310 | 1311 | 1312 | 1313 | 1314 | 1315 | 1316 | 1317 | 1318 | 1319 | 1320 | 1321 | 1322 | 1323 | 1324 | 1325 | 1326 | 1327 | 1328 | 1329 | 1330 | 1331 | 1332 | 1333 | 1334 | 1335 | 1336 | 1337 | 1338 | 1339 | 1340 | 1341 | 1342 | 1343 | 1344 | 1345 | 1346 | 1347 | 1348 | 1349 | 1350 | 1351 | 1352 | 1353 | 1354 | 1355 | 1356 | 1357 | 1358 | 1359 | 1360 | 1361 | 1362 | 1363 | 1364 | 1365 | 1366 | 1367 | 1368 | 1369 | 1370 | 1371 | 1372 | 1373 | 1374 | 1375 | 1376 | 1377 | 1378 | 1379 | 1380 | 1381 | 1382 | 1383 | 1384 | 1385 | 1386 | 1387 | 1388 | 1389 | 1390 | 1391 | 1392 | 1393 | 1394 | 1395 | 1396 | 1397 | 1398 | 1399 | 1400 | 1401 | 1402 | 1403 | 1404 | 1405 | 1406 | 1407 | 1408 | 1409 | 1410 | 1411 | 1412 | 1413 | 1414 | 1415 | 1416 | 1417 | 1418 | 1419 | 1420 | 1421 | 1422 | 1423 | 1424 | 1425 | 1426 | 1427 | 1428 | 1429 | 1430 | 1431 | 1432 | 1433 | 1434 | 1435 | 1436 | 1437 | 1438 | 1439 | 1440 | 1441 | 1442 | 1443 | 1444 | 1445 | 1446 | 1447 | 1448 | 1449 | 1450 | 1451 | 1452 | 1453 | 1454 | 1455 | 1456 | 1457 | 1458 | 1459 | 1460 | 1461 | 1462 | 1463 | 1464 | 1465 | 1466 | 1467 | 1468 | 1469 | 1470 | 1471 | 1472 | 1473 | 1474 | 1475 | 1476 | 1477 | 1478 | 1479 | 1480 | 1481 | 1482 | 1483 | 1484 | 1485 | 1486 | 1487 | 1488 | 1489 | 1490 | 1491 | 1492 | 1493 | 1494 | 1495 | 1496 | 1497 | 1498 | 1499 | 1500 | 1501 | 1502 | 1503 | 1504 | 1505 | 1506 | 1507 | 1508 | 1509 | 1510 | 1511 | 1512 | 1513 | 15 |
|--------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----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CALENDAR SUMMARY OF REQUISITION NET WEIGHTS FOR NSC OAKLAND'S 25 TOP LOCAL CUSTOMERS

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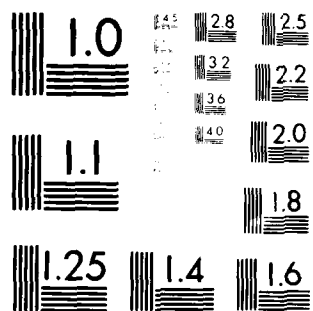
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| Population | 196 | 207 | 218 | 229 | 240 | 251 | 262 | 273 | 284 | 295 | 306 | 317 | 328 | 339 | 350 | 361 | 372 | 383 | 394 | 405 | 416 | 427 | 438 | 449 | 460 | 471 | 482 | 493 | 504 | 515 | 526 | 537 | 548 | 559 | 570 | 581 | 592 | 603 | 614 | 625 | 636 | 647 | 658 | 669 | 680 | 691 | 702 | 713 | 724 | 735 | 746 | 757 | 768 | 779 | 790 | 801 | 812 | 823 | 834 | 845 | 856 | 867 | 878 | 889 | 900 | 911 | 922 | 933 | 944 | 955 | 966 | 977 | 988 | 999 | 1010 | 1021 | 1032 | 1043 | 1054 | 1065 | 1076 | 1087 | 1098 | 1109 | 1120 | 1131 | 1142 | 1153 | 1164 | 1175 | 1186 | 1197 | 1208 | 1219 | 1230 | 1241 | 1252 | 1263 | 1274 | 1285 | 1296 | 1307 | 1318 | 1329 | 1340 | 1351 | 1362 | 1373 | 1384 | 1395 | 1406 | 1417 | 1428 | 1439 | 1450 | 1461 | 1472 | 1483 | 1494 | 1505 | 1516 | 1527 | 1538 | 1549 | 1560 | 1571 | 1582 | 1593 | 1604 | 1615 | 1626 | 1637 | 1648 | 1659 | 1670 | 1681 | 1692 | 1703 | 1714 | 1725 | 1736 | 1747 | 1758 | 1769 | 1780 | 1791 | 1802 | 1813 | 1824 | 1835 | 1846 | 1857 | 1868 | 1879 | 1890 | 1901 | 1912 | 1923 | 1934 | 1945 | 1956 | 1967 | 1978 | 1989 | 2000 | 2011 | 2022 | 2033 | 2044 | 2055 | 2066 | 2077 | 2088 | 2099 | 2110 | 2121 | 2132 | 2143 | 2154 | 2165 | 2176 | 2187 | 2198 | 2209 | 2220 | 2231 | 2242 | 2253 | 2264 | 2275 | 2286 | 2297 | 2308 | 2319 | 2330 | 2341 | 2352 | 2363 | 2374 | 2385 | 2396 | 2407 | 2418 | 2429 | 2440 | 2451 | 2462 | 2473 | 2484 | 2495 | 2506 | 2517 | 2528 | 2539 | 2550 | 2561 | 2572 | 2583 | 2594 | 2605 | 2616 | 2627 | 2638 | 2649 | 2660 | 2671 | 2682 | 2693 | 2704 | 2715 | 2726 | 2737 | 2748 | 2759 | 2770 | 2781 | 2792 | 2803 | 2814 | 2825 | 2836 | 2847 | 2858 | 2869 | 2880 | 2891 | 2902 | 2913 | 2924 | 2935 | 2946 | 2957 | 2968 | 2979 | 2990 | 3001 | 3012 | 3023 | 3034 | 3045 | 3056 | 3067 | 3078 | 3089 | 3100 | 3111 | 3122 | 3133 | 3144 | 3155 | 3166 | 3177 | 3188 | 3199 | 3210 | 3221 | 3232 | 3243 | 3254 |

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APPENDIX S

CALENDAR SUMMARY OF REQUISITION NET CUBIC VOLUMES
FOR NSC OAKLAND'S 25 TOP LOCAL CUSTOMERS

| MOYR | SFP | ALV | ALC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEPT | OCT | NOV | DEC | TOTAL | AVG |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-------|-----|
| MOYR | SEP | ALV | ALC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEPT | OCT | NOV | DEC | TOTAL | AVG |
| MOYR | SEP | ALV | ALC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEPT | OCT | NOV | DEC | TOTAL | AVG |
| MOYR | SEP | ALV | ALC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEPT | OCT | NOV | DEC | TOTAL | AVG |

APPENDIX T

NSC OAKLAND'S LOCAL CUSTOMERS COG ANALYSIS

ANALYSIS OF ALL LOCAL CUSTOMERS

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 0I | 2371 | | 0.369 | 0 | | | | 0.00 |
| 1H | 38800 | | 6.032 | 17457 | | 5.114 | | 44.99 |
| 1I | 15499 | | 2.409 | 10725 | | 3.142 | | 69.20 |
| 1N | 114 | | 0.018 | 4 | | 0.001 | | 3.51 |
| 1Q | 180 | | 0.028 | 0 | | | | 0.00 |
| 1R | 6395 | | 0.994 | 369 | | 0.108 | | 5.77 |
| 2F | 162 | | 0.025 | 92 | | 0.027 | | 56.79 |
| 2H | 2206 | | 0.343 | 843 | | 2.591 | | 38.21 |
| 2R | 838 | | 0.130 | 64 | | 0.019 | | 7.64 |
| 2S | 118 | | 0.018 | 32 | | 0.009 | | 27.12 |
| 2Z | 321 | | 0.050 | 184 | | 0.054 | | 57.32 |
| 4G | 3075 | | 0.478 | 936 | | 0.274 | | 30.44 |
| 4N | 1512 | | 0.235 | 676 | | 0.198 | | 44.71 |
| 5N | 133 | | 0.021 | 15 | | 0.063 | | 11.28 |
| 5R | 1683 | | 0.262 | 1121 | | 0.328 | | 66.61 |

APPENDIX T (con't.)

ANALYSIS OF ALL LOCAL CUSTOMERS

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|--------|-----------|--------|--------|-----------|--------|------|---------------------|
| 6E | 202 | | 0.342 | 57 | | 0.017 | | 28.22 |
| 6U | 107 | | 0.017 | 44 | | 0.013 | | 41.11 |
| 8U | 1558 | | 0.242 | 1072 | | 0.314 | | 68.81 |
| 9A | 740 | | 0.115 | 348 | | 0.102 | | 47.03 |
| 9C | 64221 | | 9.984 | 34712 | | 10.169 | | 54.05 |
| 9D | 21025 | | 3.269 | 13680 | | 4.008 | | 65.07 |
| 9F | 606 | | 0.094 | 61 | | 0.018 | | 10.07 |
| 9G | 68875 | | 10.707 | 40341 | | 11.818 | | 58.57 |
| 9H | 963 | | 0.150 | 327 | | 0.096 | | 33.96 |
| 9I | 304 | | 0.047 | 27 | | 0.008 | | 8.88 |
| 9J | 570 | | 0.089 | 36 | | 0.011 | | 6.32 |
| 9K | 284 | | 0.044 | 8 | | 0.002 | | 2.82 |
| 9L | 12229 | | 1.901 | 300 | | 0.088 | | 2.45 |
| 9M | 23418 | | 3.641 | 20156 | | 5.905 | | 86.07 |
| 9N | 141685 | | 22.026 | 70379 | | 20.618 | | 49.67 |

APPENDIX T (con't.)

ANALYSIS OF ALL LOCAL CUSTOMERS

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|--------|-----------|--------|--------|-----------|--------|------|---------------------|
| 90 | 248 | | 0.039 | 98 | | 0.029 | | 39.52 |
| 9Q | 72015 | | 11.195 | 47188 | | 13.834 | | 65.53 |
| 9V | 545 | | 0.085 | 21 | | 0.006 | | 3.85 |
| 9W | 105 | | 0.016 | 5 | | 0.000 | | 4.76 |
| 9Y | 1775 | | 0.276 | 1007 | | 0.295 | | 56.73 |
| 9Z | 156784 | | 24.373 | 78732 | | 23.065 | | 50.22 |

398

TOTAL

641094 99.663 341117 99.931 53.21

ALL
COGS

643260 100.00 341353 100.00 53.07

APPENDIX T (con't.)

ANALYSIS OF UIC N00221

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 0I | 161 | 0.20 | 0.025 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 10613 | 13.45 | 1.650 | 5260 | 12.55 | 1.541 | 30.13 | 49.56 |
| 1I | 152 | 0.19 | 0.024 | 92 | 0.22 | 0.027 | 0.86 | 60.53 |
| 1N | 26 | 0.03 | 0.004 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1R | 145 | 0.18 | 0.023 | 17 | 0.04 | 0.005 | 4.61 | 11.72 |
| 1Q | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2F | 14 | 0.02 | 0.002 | 8 | 0.02 | 0.002 | 8.70 | 57.14 |
| 2H | 120 | 0.15 | 0.019 | 40 | 0.10 | 0.012 | 4.74 | 33.33 |
| 2R | 31 | 0.04 | 0.005 | 2 | 0.00 | 0.001 | 3.13 | 6.45 |
| 2S | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2Z | 3 | 0.00 | 0.000 | 1 | 0.00 | 0.000 | 0.54 | 33.33 |
| 4G | 146 | 0.19 | 0.023 | 54 | 0.13 | 0.016 | 5.77 | 36.99 |
| 4N | 37 | 0.05 | 0.006 | 24 | 0.06 | 0.007 | 3.55 | 64.86 |
| 5N | 56 | 0.07 | 0.009 | 1 | 0.00 | 0.000 | 6.67 | 1.79 |
| 5R | 11 | 0.01 | 0.002 | 6 | 0.01 | 0.002 | 0.54 | 54.55 |
| 6G | 6 | 0.01 | 0.001 | 1 | 0.00 | 0.000 | 1.75 | 16.67 |

APPENDIX T (con't.)

ANALYSIS OF UIC N00221

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | 128 | 0.16 | 0.020 | 75 | 0.18 | 0.022 | 21.55 | 58.59 |
| 9C | 11194 | 14.19 | 1.740 | 5991 | 14.30 | 1.755 | 17.26 | 53.52 |
| 9D | 349 | 0.44 | 0.054 | 218 | 0.52 | 0.064 | 1.59 | 62.46 |
| 9F | 43 | 0.05 | 0.007 | 2 | 0.00 | 0.001 | 3.28 | 4.65 |
| 9G | 7679 | 9.73 | 1.194 | 4491 | 10.72 | 1.316 | 11.13 | 58.48 |
| 9H | 34 | 0.04 | 0.005 | 12 | 0.03 | 0.004 | 3.67 | 35.29 |
| 9I | 17 | 0.02 | 0.003 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9J | 19 | 0.02 | 0.003 | 3 | 0.001 | 0.001 | 8.33 | 15.79 |
| 9K | 47 | 0.06 | 0.007 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9L | 96 | 0.12 | 0.015 | 1 | 0.00 | 0.000 | 0.33 | 1.04 |
| 9M | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9N | 14670 | 18.60 | 2.281 | 7389 | 17.63 | 2.165 | 10.50 | 50.37 |
| 9O | 30 | 0.04 | 0.005 | 18 | 0.04 | 0.005 | 18.37 | 60.00 |

APPENDIX T (con't.)

ANALYSIS OF UIC N00221

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 9Q | 5083 | 6.44 | 0.790 | 2653 | 6.33 | 0.777 | 5.62 | 52.19 |
| 9V | 62 | 0.08 | 0.010 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9W | 12 | 0.02 | 0.002 | 1 | 0.00 | 0.000 | 20.00 | 8.33 |
| 9Y | 184 | 0.23 | 0.029 | 43 | 0.10 | 0.013 | 4.27 | 23.37 |
| 9Z | 27633 | 35.03 | 4.296 | 15489 | 36.96 | 4.538 | 19.67 | 56.05 |

TOTAL

401

78802 99.90 12.250 41892 99.97 12.272 53.16

ALL
COGS

28884 100.0 12.263 41905 100.0 12.276 53.12

APPENDIX T (con't.)

ANALYSIS OF UIC N65885

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 0I | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1H | 197 | 0.27 | 0.031 | 148 | 0.56 | 0.043 | 0.85 | 75.13 |
| 1I | 271 | 0.37 | 0.042 | 163 | 0.62 | 0.048 | 1.52 | 60.15 |
| 1N | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1Q | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1R | 1038 | 1.41 | 0.161 | 104 | 0.39 | 0.030 | 28.18 | 10.02 |
| 2F | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 2H | 4 | 0.001 | 0.001 | 3 | 0.01 | 0.001 | 0.36 | 75.00 |
| 2R | 15 | 0.02 | 0.002 | 5 | 0.02 | 0.001 | 7.81 | 3.33 |
| 2S | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | |
| 2Z | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | |
| 4E | 1 | 0.00 | 0.000 | 1 | 0.00 | 0.000 | 0.11 | 100.00 |
| 4N | 1 | 0.00 | 0.000 | 1 | 0.00 | 0.000 | 0.15 | 100.00 |
| 5N | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 5R | 287 | 0.39 | 0.045 | 276 | 1.04 | 0.081 | 24.62 | 96.17 |

APPENDIX T (con't.)

ANALYSIS OF UIC N65885

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6E | 1 | 0.00 | 0.000 | 1 | 0.00 | 0.000 | 1.75 | 100.0 |
| 6U | 0 | 0.00 | 0.000 | 2 | 0.001 | 0.001 | 4.55 | 100.0 |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | 6 | 0.01 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9C | 7594 | 10.31 | 1.181 | 2851 | 10.76 | 0.835 | 8.21 | 37.54 |
| 9D | 150 | 0.20 | 0.023 | 75 | 0.28 | 0.022 | 0.55 | 50.00 |
| 9F | 15 | 0.02 | 0.002 | 4 | 0.02 | 0.001 | 6.56 | 26.67 |
| 9G | 7306 | 9.92 | 1.136 | 3413 | 12.88 | 1.000 | 8.46 | 46.72 |
| 9H | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9I | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9J | 17 | 0.02 | 0.003 | 1 | 0.00 | 0.000 | 2.78 | 5.88 |
| 9K | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9L | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9M | 2 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9N | 22931 | 31.12 | 3.565 | 8410 | 31.75 | 2.464 | 11.95 | 36.68 |

APPENDIX T (con't.)

ANALYSIS OF UIC N65885

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 90 | 4 | 0.01 | 0.001 | 2 | 0.01 | 0.001 | 2.04 | 50.00 |
| 9Q | 61 | 0.08 | 0.009 | 33 | 0.12 | 0.010 | 0.07 | 54.10 |
| 9V | 58 | 0.008 | 0.009 | 3 | 0.01 | 0.001 | 14.29 | 5.17 |
| 9W | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9Y | 11 | 0.01 | 0.002 | 4 | 0.02 | 0.001 | 0.40 | 36.36 |
| 9Z | 33685 | 45.72 | 5.237 | 10983 | 41.46 | 3.217 | 13.95 | 32.61 |

404

TOTAL

73660 99.98 11.451 26483 99.97 7.758 35.95

ALL
COGS

73674 100.00 11.453 26491 100.0 7.761 35.96

APPENDIX T (con't.)

ANALYSIS OF UIC N03365

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 0I | 651 | 0.99 | 0.101 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 4173 | 6.33 | 0.649 | 1471 | 5.78 | 0.431 | 8.43 | 35.25 |
| 1I | 712 | 1.08 | 0.111 | 393 | 1.54 | 0.115 | 3.66 | 55.20 |
| 1N | 20 | 0.03 | 0.003 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1Q | 15 | 0.02 | 0.002 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1R | 3852 | 5.84 | 0.599 | 75 | 0.29 | 0.022 | 20.33 | 1.95 |
| 2F | 4 | 0.01 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 2H | 168 | 0.25 | 0.026 | 66 | 0.26 | 0.019 | 7.83 | 39.29 |
| 2R | 620 | 0.94 | 0.096 | 13 | 0.05 | 0.004 | 20.31 | 2.10 |
| 2S | 20 | 0.03 | 0.003 | 2 | 0.01 | 0.001 | 6.25 | 10.00 |
| 2Z | 34 | 0.05 | 0.005 | 11 | 0.04 | 0.003 | 5.98 | 32.35 |
| 4G | 717 | 1.09 | 0.111 | 191 | 0.75 | 0.056 | 20.41 | 26.64 |
| 4N | 85 | 0.13 | 0.013 | 25 | 0.10 | 0.007 | 3.70 | 29.41 |
| 5N | 13 | 0.02 | 0.002 | 3 | 0.01 | 0.001 | 20.00 | 23.08 |
| 5R | 655 | 0.99 | 0.102 | 382 | 1.50 | 0.112 | 34.08 | 58.32 |

APPENDIX T (con't.)

ANALYSIS OF UIC N03365

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6G | 18 | 0.03 | 0.003 | 5 | 0.02 | 0.001 | 8.77 | 27.78 |
| 6U | 4 | 0.01 | 0.001 | 2 | 0.01 | 0.001 | 4.55 | 50.00 |
| 8U | 488 | 0.74 | 0.076 | 399 | 1.57 | 0.117 | 37.22 | 81.76 |
| 9A | 66 | 0.10 | 0.010 | 11 | 0.04 | 0.003 | 3.16 | 16.67 |
| 9C | 4824 | 7.31 | 0.750 | 1912 | 7.51 | 0.560 | 5.51 | 39.64 |
| 9D | 1531 | 2.32 | 0.238 | 889 | 3.49 | 0.260 | 6.50 | 58.07 |
| 9F | 192 | 0.29 | 0.030 | 8 | 0.03 | 0.002 | 13.11 | 4.17 |
| 9G | 6429 | 9.75 | 0.999 | 2987 | 11.74 | 0.875 | 7.40 | 46.46 |
| 9H | 47 | 0.07 | 0.007 | 11 | 0.04 | 0.003 | 3.36 | 23.40 |
| 9I | 50 | 0.08 | 0.008 | 1 | 0.00 | 0.000 | 3.70 | 0.02 |
| 9J | 349 | 0.53 | 0.054 | 6 | 0.02 | 0.002 | 16.67 | 1.72 |
| 9K | 69 | 0.10 | 0.011 | 1 | 0.00 | 0.000 | 12.50 | 1.45 |
| 9L | 1315 | 1.99 | 0.204 | 3 | 0.01 | 0.001 | 0.01 | 0.23 |
| 9M | 994 | 1.51 | 0.155 | 747 | 2.94 | 0.219 | 3.71 | 75.15 |
| 9N | 18909 | 28.67 | 2.940 | 7034 | 27.64 | 2.061 | 9.99 | 37.20 |

APPENDIX T (con't)

ANALYSIS OF UIC N03365

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 90 | 19 | 0.03 | 0.003 | 6 | 0.02 | 0.002 | 6.12 | 31.58 |
| 9Q | 6514 | 9.88 | 1.013 | 3617 | 14.21 | 1.060 | 7.67 | 55.53 |
| 9V | 152 | 0.23 | 0.024 | 3 | 0.01 | 0.001 | 14.29 | 1.97 |
| 9W | 41 | 0.06 | 0.006 | 1 | 0.00 | 0.000 | 20.00 | 2.44 |
| 9Y | 132 | 0.20 | 0.021 | 56 | 0.22 | 0.016 | 5.56 | 42.42 |
| 9Z | 11892 | 18.03 | 1.849 | 5081 | 19.97 | 1.488 | 6.45 | 42.76 |

407
TOTAL

| | | | | | | |
|-------|-------|--------|-------|-------|-------|-------|
| 65774 | 99.72 | 10.225 | 25412 | 99.86 | 7.444 | 38.64 |
|-------|-------|--------|-------|-------|-------|-------|

ALL
COGS

| | | | | | | |
|-------|-------|--------|-------|--------|-------|-------|
| 65958 | 100.0 | 10.253 | 25448 | 100.00 | 7.455 | 38.58 |
|-------|-------|--------|-------|--------|-------|-------|

APPENDIX T (con't.)

ANALYSIS OF UIC N00236

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 0I | 4 | 0.01 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 51 | 0.12 | 0.008 | 38 | 0.18 | 0.011 | 0.22 | 74.51 |
| 1I | 441 | 1.03 | 0.069 | 320 | 1.53 | 0.094 | 2.98 | 72.56 |
| 1N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1Q | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1R | 385 | 0.90 | 0.060 | 58 | 0.28 | 0.017 | 15.72 | 15.06 |
| 2F | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | |
| 2H | 1 | 0.00 | 0.000 | 1 | 0.00 | 0.000 | 0.19 | 100.00 |
| 2R | 9 | 0.002 | 0.001 | 3 | 0.01 | 0.001 | 4.69 | 33.33 |
| 2S | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2Z | 1 | 0.00 | 0.000 | 1 | 0.00 | 0.000 | 0.54 | 100.00 |
| 4G | 2 | 0.00 | 0.000 | 2 | 0.01 | 0.001 | 0.21 | 100.00 |
| 4N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 5N | 0 | 0.00 | 0.000 | | 0.00 | 0.000 | | |
| 5R | 3 | 0.01 | 0.000 | 2 | 0.01 | 0.001 | 0.18 | 66.67 |

APPENDIX T (con't.)

ANALYSIS OF UIC N00236

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6E | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 6U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | 12 | 0.03 | 0.002 | 7 | 0.03 | 0.002 | 2.01 | 58.33 |
| 9C | 4813 | 11.12 | 0.748 | 2311 | 11.08 | 0.677 | 6.66 | 48.04 |
| 9D | 602 | 1.40 | 0.094 | 370 | 1.77 | 0.108 | 2.70 | 61.46 |
| 9F | 3 | 0.01 | 0.000 | 1 | 0.00 | 0.000 | 1.64 | 33.33 |
| 9G | 5457 | 12.69 | 0.848 | 2948 | 14.13 | 0.864 | 7.31 | 54.02 |
| 9H | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9I | 2 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9J | 2 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9K | 2 | 0.00 | 0.000 | 1 | 0.00 | 0.000 | 12.50 | 50.00 |
| 9L | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9M | 1179 | 2.74 | 0.183 | 1022 | 4.90 | 0.299 | 5.07 | 86.68 |
| 9N | 13725 | 31.91 | 2.134 | 6706 | 32.14 | 1.965 | 9.53 | 48.86 |

APPENDIX T (con't.)

ANALYSIS OF UIC N00236

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 90 | 3 | 0.01 | 0.000 | 2 | 0.01 | 0.001 | 2.04 | 66.67 |
| 9Q | 126 | 0.29 | 0.020 | 30 | 0.14 | 0.009 | 0.06 | 23.81 |
| 9V | 3 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9W | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9Y | 11 | 0.03 | 0.002 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9Z | 16168 | 37.59 | 2.513 | 7040 | 33.74 | 2.062 | 8.94 | 43.54 |

410 TOTAL

43006 99.98 6.686 20863 100.0 6.112 48.51

ALL
COGS

43013 100.0 6.687 20683 100.0 6.112 48.50

APPENDIX T (con't.)

ANALYSIS OF UIC N08809

| | COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|----|------|-------|-----------|------|--------|-----------|-------|--------|---------------------|
| 0I | 3450 | 0.05 | 0.003 | 0 | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 |
| 1H | 3450 | 9.65 | 0.536 | 1234 | 6.45 | 0.362 | 7.07 | 35.77 | |
| 1I | 371 | 1.04 | 0.058 | 246 | 1.29 | 0.072 | 2.29 | 66.31 | |
| 1N | 3 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 | |
| 1Q | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 | |
| 1R | 47 | 0.13 | 0.007 | 4 | 0.021 | 0.001 | 1.08 | 8.51 | |
| 2F | 4 | 0.01 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 | |
| 2H | 194 | 0.54 | 0.030 | 27 | 0.14 | 0.008 | 3.20 | 13.92 | |
| 2R | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 | |
| 2S | 8 | 0.02 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 | |
| 2Z | 3 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 | |
| 4G | 69 | 0.19 | 0.011 | 10 | 0.05 | 0.003 | 1.07 | 14.49 | |
| 4N | 107 | 0.30 | 0.017 | 11 | 0.06 | 0.003 | 1.63 | 10.28 | |
| 5N | 9 | 0.03 | 0.001 | 3 | 0.02 | 0.001 | 20.00 | 33.33 | |
| 5R | 2 | 0.01 | 0.000 | 2 | 0.01 | 0.001 | 0.18 | 100.00 | |

APPENDIX T (con't.)

ANALYSIS OF UIC N08809

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6G | 1 | 0.00 | 0.000 | 1 | 0.01 | 0.000 | 1.75 | 100.00 |
| 6U | 2 | 0.01 | 0.000 | 1 | 0.01 | 0.000 | 2.27 | 50.00 |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | 3 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9C | 4556 | 12.74 | 0.708 | 2802 | 14.66 | 0.821 | 8.07 | 61.50 |
| 9D | 903 | 2.52 | 0.140 | 634 | 3.32 | 0.186 | 4.63 | 70.21 |
| 9F | 19 | 0.05 | 0.003 | 3 | 0.02 | 0.001 | 4.92 | 15.79 |
| 9G | 3284 | 9.18 | 0.511 | 2023 | 10.58 | 0.593 | 5.01 | 61.60 |
| 9H | 37 | 0.10 | 0.006 | 5 | 0.03 | 0.001 | 1.53 | 13.51 |
| 9I | 9 | 0.03 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9J | 2 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9K | 10 | 0.03 | 0.002 | 1 | 0.01 | 0.000 | 12.50 | 0.10 |
| 9L | 989 | 2.77 | 0.154 | 6 | 0.03 | 0.002 | 0.02 | 0.61 |
| 9M | 629 | 1.76 | 0.098 | 536 | 2.80 | 0.157 | 2.66 | 85.21 |
| 9N | 6278 | 17.55 | 0.976 | 3552 | 18.58 | 1.041 | 5.05 | 56.58 |

APPENDIX T (con't.)

ANALYSIS OF UIC N08809

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-------|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 90 | 30 | 0.08 | 0.005 | 7 | 0.04 | 0.002 | 7.14 | 23.33 |
| 9Q | 5058 | 14.14 | 0.786 | 2956 | 15.46 | 0.866 | 6.26 | 58.44 |
| 9V | 122 | 0.34 | 0.019 | 1 | 0.01 | 0.000 | 4.76 | 0.82 |
| 9W | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9Y | 169 | 0.47 | 0.026 | 65 | 0.34 | 0.019 | 6.45 | 38.46 |
| 9Z | 9350 | 26.14 | 1.454 | 4987 | 26.08 | 1.461 | 6.11 | 53.34 |
| TOTAL | | | | | | | | |
| | 35738 | 99.92 | 5.556 | 19117 | 99.99 | 5.600 | | 53.49 |
| ALL | | | | | | | | |
| COGS | | | | | | | | |
| | 35767 | 100.00 | 5.560 | 19119 | 100.00 | 5.601 | | 53.45 |

APPENDIX T (con't.)

ANALYSIS OF UIC N00228

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 0I | 74 | 0.21 | 0.012 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 996 | 2.86 | 0.155 | 786 | 3.65 | 0.230 | 4.50 | 78.92 |
| 1I | 1348 | 3.87 | 0.210 | 994 | 4.62 | 0.291 | 9.27 | 73.74 |
| 1N | 17 | 0.05 | 0.003 | 3 | 0.01 | 0.001 | 75.00 | 17.65 |
| 1Q | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1R | 20 | 0.06 | 0.003 | 9 | 0.04 | 0.003 | 2.44 | 45.00 |
| 2F | 8 | 0.02 | 0.001 | 5 | 0.02 | 0.001 | 5.43 | 62.50 |
| 2H | 102 | 0.29 | 0.016 | 91 | 0.42 | 0.027 | 10.79 | 89.22 |
| 2R | 15 | 0.04 | 0.002 | 8 | 0.04 | 0.002 | 12.50 | 53.33 |
| 2S | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 2Z | 12 | 0.03 | 0.002 | 11 | 0.05 | 0.003 | 5.98 | 91.67 |
| 4G | 305 | 0.88 | 0.047 | 59 | 0.27 | 0.017 | 6.30 | 19.34 |
| 4N | 18 | 0.05 | 0.003 | 10 | 0.05 | 0.003 | 1.48 | 55.56 |
| 5N | 3 | 0.01 | 0.000 | 1 | 0.00 | 0.000 | 6.67 | 33.33 |
| 5R | 12 | 0.03 | 0.002 | 12 | 0.06 | 0.004 | 1.07 | 100.0 |

APPENDIX T (con't.)

ANALYSIS OF UIC N00228

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6G | 2 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 6U | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | |
| 9A | 48 | 0.14 | 0.007 | 38 | 0.18 | 0.011 | 10.92 | 79.17 |
| 9C | 1989 | 5.71 | 0.309 | 1112 | 5.17 | 0.326 | 3.20 | 55.91 |
| 9D | 832 | 2.39 | 0.129 | 506 | 2.35 | 0.148 | 3.70 | 60.82 |
| 9F | 12 | 0.03 | 0.002 | 7 | 0.03 | 0.002 | 11.48 | 58.33 |
| 9G | 3281 | 9.42 | 0.510 | 1506 | 7.00 | 0.441 | 3.73 | 45.90 |
| 9H | 332 | 0.95 | 0.052 | 132 | 0.61 | 0.039 | 40.37 | 39.76 |
| 9I | 18 | 0.05 | 0.003 | 9 | 0.04 | 0.003 | 33.33 | 50.00 |
| 9J | 7 | 0.02 | 0.001 | 4 | 0.02 | 0.001 | 11.11 | 57.14 |
| 9K | 24 | 0.07 | 0.004 | 3 | 0.01 | 0.001 | 37.50 | 12.50 |
| 9L | 264 | 0.76 | 0.041 | 25 | 0.12 | 0.007 | 8.33 | 9.47 |
| 9M | 139 | 0.40 | 0.022 | 124 | 0.58 | 0.036 | 0.62 | 89.21 |
| 9N | 6321 | 18.14 | 0.983 | 2713 | 12.60 | 0.795 | 3.85 | 42.92 |

APPENDIX T (con't.)

ANALYSIS OF UIC N00228

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 90 | 15 | 0.04 | 0.002 | 5 | 0.02 | 0.001 | 5.10 | 33.33 |
| 9Q | 14511 | 41.64 | 2.256 | 11694 | 54.33 | 3.426 | 24.78 | 80.59 |
| 9V | 19 | 0.05 | 0.003 | 4 | 0.02 | 0.001 | 19.05 | 21.05 |
| 9W | 6 | 0.02 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9Y | 170 | 0.49 | 0.026 | 116 | 0.54 | 0.034 | 11.52 | 68.24 |
| 9Z | 3454 | 9.91 | 0.537 | 1522 | 7.07 | 0.446 | 1.93 | 44.06 |

416

TOTAL

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| 34376 | 98.65 | 5.344 | 21509 | 99.93 | 6.301 | 62.57 |
|-------|-------|-------|-------|-------|-------|-------|

ALL
COGS

| | | | | | | |
|-------|--------|-------|-------|--------|-------|-------|
| 34848 | 100.00 | 5.417 | 21525 | 100.00 | 6.306 | 61.77 |
|-------|--------|-------|-------|--------|-------|-------|

APPENDIX T (con't.)

ANALYSIS OF UIC N00296

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 0I | 23 | 0.07 | 0.004 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 375 | 1.14 | 0.058 | 181 | 1.14 | 0.053 | 1.04 | 48.27 |
| 1I | 1081 | 3.28 | 0.168 | 795 | 5.00 | 0.233 | 7.41 | 73.54 |
| 1N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1Q | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1R | 203 | 0.62 | 0.031 | 18 | 0.11 | 0.005 | 4.88 | 8.87 |
| 2F | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2H | 2 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 2R | 16 | 0.05 | 0.002 | 5 | 0.03 | 0.001 | 7.81 | 31.25 |
| 2S | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2Z | 1 | 0.00 | 0.000 | 1 | 0.01 | 0.000 | 0.54 | 100.00 |
| 4G | 16 | 0.05 | 0.002 | 11 | 0.07 | 0.003 | 1.18 | 68.75 |
| 4N | 1 | 0.00 | 0.000 | 1 | 0.01 | 0.000 | 0.15 | 100.00 |
| 5N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 5R | 19 | 0.06 | 0.003 | 13 | 0.08 | 0.004 | 1.16 | 68.42 |

APPENDIX T (con't.)

ANALYSIS OF UIC N00296

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6G | 3 | 0.01 | 0.000 | 1 | 0.01 | 0.000 | 1.75 | 33.33 |
| 6U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 8U | 1057 | 3.20 | 0.164 | 673 | 4.23 | 0.197 | 62.78 | 63.67 |
| 9A | 22 | 0.07 | 0.003 | 7 | 0.04 | 0.002 | 2.01 | 31.82 |
| 9C | 2916 | 8.84 | 0.453 | 1513 | 9.51 | 0.443 | 4.36 | 51.89 |
| 9D | 1171 | 3.55 | 0.182 | 723 | 4.55 | 0.212 | 5.29 | 61.74 |
| 9F | 12 | 0.04 | 0.002 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9G | 4063 | 12.31 | 0.632 | 2270 | 14.27 | 0.665 | 5.63 | 55.87 |
| 9H | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9I | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9J | 2 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9K | 3 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9L | 3 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9M | 812 | 2.46 | 0.126 | 735 | 4.62 | 0.215 | 3.65 | 90.52 |
| 9N | 12913 | 39.14 | 2.007 | 5422 | 34.09 | 1.588 | 7.70 | 41.99 |

APPENDIX T (con't.)

ANALYSIS OF UIC N00296

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 90 | 4 | 0.01 | 0.001 | 2 | 0.01 | 0.001 | 2.04 | 50.00 |
| 9Q | 228 | 0.69 | 0.035 | 80 | 0.50 | 0.023 | 0.17 | 35.09 |
| 9V | 16 | 0.05 | 0.002 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9W | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9Y | 15 | 0.05 | 0.002 | 1 | 0.01 | 0.000 | 0.01 | 6.67 |
| 9Z | 7966 | 24.14 | 1.238 | 3436 | 21.60 | 1.007 | 4.36 | 43.13 |

419 TOTAL

32946 99.85 5.122 15888 99.89 4.654 48.22

ALL
COGS

32994 100.00 5.129 15905 100.00 4.659 48.21

APPENDIX T (con't.)

ANALYSIS OF UIC N05834

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 0I | 1 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 1284 | 6.61 | 0.200 | 493 | 4.03 | 0.144 | 2.82 | 38.40 |
| 1I | 355 | 1.83 | 0.055 | 239 | 1.96 | 0.070 | 2.23 | 67.32 |
| 1N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1Q | 10 | 0.05 | 0.002 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1R | 85 | 0.44 | 0.013 | 8 | 0.07 | 0.002 | 2.17 | 9.41 |
| 2F | 2 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 2H | 85 | 0.44 | 0.013 | 19 | 0.16 | 0.006 | 2.25 | 22.35 |
| 2R | 20 | 0.10 | 0.003 | 6 | 0.05 | 0.002 | 9.38 | 30.00 |
| 2S | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2Z | 10 | 0.05 | 0.002 | 3 | 0.02 | 0.001 | 1.63 | 30.00 |
| 4G | 206 | 1.06 | 0.032 | 45 | 0.37 | 0.013 | 4.81 | 21.84 |
| 4N | 149 | 0.77 | 0.023 | 50 | 0.41 | 0.015 | 7.40 | 33.56 |
| 5N | 3 | 0.02 | 0.000 | 1 | 0.01 | 0.000 | 6.67 | 33.33 |
| 5R | 6 | 0.03 | 0.001 | 5 | 0.04 | 0.001 | 0.45 | 83.33 |

APPENDIX T (con't.)

ANALYSIS OF UIC N05834

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6G | 5 | 0.03 | 0.001 | 1 | 0.01 | 0.000 | 1.75 | 20.00 |
| 6U | 13 | 0.07 | 0.002 | 8 | 0.07 | 0.002 | 18.18 | 61.54 |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | 8 | 0.04 | 0.001 | 6 | 0.05 | 0.002 | 1.72 | 75.00 |
| 9C | 1905 | 9.81 | 0.296 | 1275 | 10.43 | 0.374 | 3.67 | 66.93 |
| 9D | 581 | 2.99 | 0.090 | 377 | 3.08 | 0.110 | 2.76 | 64.89 |
| 9F | 49 | 0.25 | 0.008 | 3 | 0.02 | 0.001 | 4.92 | 6.12 |
| 9G | 2168 | 11.16 | 0.337 | 1464 | 11.98 | 0.429 | 3.63 | 67.53 |
| 9H | 44 | 0.23 | 0.007 | 20 | 0.16 | 0.006 | 6.11 | 45.45 |
| 9I | 57 | 0.29 | 0.009 | 2 | 0.02 | 0.001 | 7.41 | 3.51 |
| 9J | 54 | 0.28 | 0.008 | 7 | 0.06 | 0.002 | 19.44 | 12.96 |
| 9K | 12 | 0.06 | 0.002 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9L | 1122 | 5.78 | 0.174 | 72 | 0.59 | 0.021 | 24.00 | 6.42 |
| 9M | 1314 | 6.76 | 0.204 | 1071 | 8.76 | 0.314 | 5.31 | 81.51 |
| 9N | 3977 | 20.47 | 0.618 | 2772 | 22.67 | 0.812 | 3.94 | 69.70 |

APPENDIX T (con't.)

ANALYSIS OF UIC N05834

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|----------|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 90 | 8 | 0.04 | 0.001 | 2 | 0.02 | 0.001 | 2.14 | 25.00 |
| 9Q | 2355 | 12.12 | 0.366 | 1635 | 13.37 | 0.479 | 3.46 | 69.43 |
| 9V | 14 | 0.07 | 0.002 | 2 | 0.02 | 0.001 | 9.52 | 14.29 |
| 9W | 9 | 0.05 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9Y | 55 | 0.28 | 0.009 | 32 | 0.26 | 0.009 | 3.18 | 58.18 |
| 9Z | 3442 | 17.72 | 0.535 | 2604 | 21.30 | 0.763 | 3.31 | 75.65 |
| TOTAL | | | | | | | | |
| | 19408 | 99.90 | 3.017 | 12222 | 99.98 | 3.580 | | 62.97 |
| ALL COGS | | | | | | | | |
| | 19427 | 100.00 | 3.020 | 12225 | 100.00 | 3.581 | | 62.93 |

APPENDIX T (con't.)

ANALYSIS OF UIC N05831

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 0I | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1H | 1221 | 6.68 | 0.190 | 554 | 4.76 | 0.162 | 3.17 | 45.37 |
| 1I | 393 | 2.15 | 0.061 | 274 | 2.35 | 0.080 | 2.55 | 69.72 |
| 1N | 1 | 0.001 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1Q | 116 | 0.63 | 0.018 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1R | 14 | 0.08 | 0.002 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 2F | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | |
| 2H | 91 | 0.50 | 0.014 | 31 | 0.27 | 0.009 | 3.68 | 34.07 |
| 2R | 3 | 0.02 | 0.000 | 1 | 0.01 | 0.000 | 1.56 | 33.33 |
| 2S | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2Z | 8 | 0.04 | 0.001 | 4 | 0.03 | 0.001 | 2.17 | 50.00 |
| 4G | 221 | 1.21 | 0.034 | 74 | 0.64 | 0.022 | 7.91 | 33.48 |
| 4N | 196 | 1.07 | 0.030 | 75 | 0.64 | 0.022 | 11.09 | 38.27 |
| 5N | 2 | 0.01 | 0.000 | 1 | 0.01 | 0.000 | 6.67 | 50.00 |
| 5R | 4 | 0.02 | 0.001 | 4 | 0.03 | 0.001 | 3.57 | 100.00 |

APPENDIX T (con't.)

ANALYSIS OF UIC N05831

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6G | 5 | 0.03 | 0.001 | 2 | 0.02 | 0.001 | 3.51 | 40.00 |
| 6U | 8 | 0.04 | 0.001 | 6 | 0.05 | 0.002 | 13.64 | 75.00 |
| 8Z | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | 8 | 0.04 | 0.001 | 7 | 0.06 | 0.002 | 2.01 | 87.50 |
| 9C | 1834 | 10.04 | 0.285 | 1297 | 11.13 | 0.380 | 3.74 | 70.72 |
| 9D | 601 | 3.29 | 0.093 | 386 | 3.31 | 0.113 | 2.82 | 64.23 |
| 9F | 41 | 0.22 | 0.006 | 2 | 0.02 | 0.001 | 3.28 | 4.88 |
| 9G | 2051 | 11.23 | 0.319 | 1448 | 12.43 | 0.424 | 3.59 | 70.60 |
| 9H | 29 | 0.16 | 0.005 | 13 | 0.11 | 0.004 | 3.98 | 44.83 |
| 9I | 50 | 0.27 | 0.008 | 2 | 0.02 | 0.001 | 7.41 | 4.00 |
| 9J | 35 | 0.09 | 0.005 | 2 | 0.02 | 0.001 | 5.56 | 5.71 |
| 9K | 11 | 0.06 | 0.002 | 1 | 0.01 | 0.000 | 12.50 | 9.09 |
| 9L | 594 | 3.25 | 0.092 | 9 | 0.08 | 0.003 | 0.03 | 1.52 |
| 9M | 660 | 3.61 | 0.103 | 550 | 4.72 | 0.161 | 2.73 | 83.33 |
| 9N | 4369 | 23.92 | 0.679 | 3071 | 26.36 | 0.900 | 4.36 | 70.29 |

APPENDIX T (con't.)

ANALYSIS OF UIC N05831

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-------------|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 90 | 13 | 0.07 | 0.002 | 6 | 0.05 | 0.002 | 6.12 | 46.15 |
| 9Q | 2320 | 12.70 | 0.361 | 1553 | 13.33 | 0.455 | 3.29 | 66.94 |
| 9V | 12 | 0.07 | 0.002 | 1 | 0.01 | 0.000 | 4.76 | 8.33 |
| 9W | 12 | 0.07 | 0.002 | 1 | 0.01 | 0.000 | 20.00 | 8.33 |
| 9Y | 49 | 0.27 | 0.008 | 31 | 0.27 | 0.009 | 3.08 | 63.27 |
| 9Z | 3275 | 17.93 | 0.509 | 2241 | 19.24 | 0.657 | 2.85 | 68.43 |
| 425 TOTAL | | | | | | | | |
| | 18247 | 99.89 | 2.837 | 11642 | 99.93 | 3.411 | | 63.80 |
| ALL COGS | | | | | | | | |
| | 18268 | 100.00 | 2.840 | 11650 | 100.00 | 3.413 | | 63.77 |

APPENDIX T (con't.)

ANALYSIS OF UIC N03343

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 0I | 30 | 0.17 | 0.005 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 1157 | 6.65 | 0.180 | 484 | 4.99 | 0.142 | 2.77 | 41.83 |
| 1I | 229 | 1.32 | 0.036 | 150 | 1.55 | 0.044 | 1.40 | 65.50 |
| 1N | 1 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1Q | 1 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1R | 106 | 0.61 | 0.016 | 8 | 0.08 | 0.002 | 2.17 | 7.55 |
| 2F | 3 | 0.02 | 0.000 | 3 | 0.03 | 0.001 | 3.26 | 100.00 |
| 2H | 67 | 0.39 | 0.010 | 36 | 0.37 | 0.011 | 4.27 | 53.73 |
| 2R | 9 | 0.05 | 0.001 | 1 | 0.01 | 0.000 | 1.56 | 11.11 |
| 2S | 5 | 0.03 | 0.001 | 4 | 0.04 | 0.001 | 12.50 | 80.00 |
| 2Z | 12 | 0.07 | 0.002 | 8 | 0.08 | 0.002 | 4.35 | 66.67 |
| 4G | 155 | 0.89 | 0.024 | 81 | 0.84 | 0.024 | 8.65 | 52.26 |
| 4N | 11 | 0.06 | 0.002 | 6 | 0.06 | 0.002 | 0.89 | 54.55 |
| 5N | 2 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 5R | 424 | 2.44 | 0.066 | 236 | 2.43 | 0.069 | 21.05 | 55.66 |

APPENDIX T (con't.)

ANALYSIS OF UIC N03343

| | COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|----|------|-------|-----------|------|--------|-----------|-------|-------|---------------------|
| 6G | 11 | 0.06 | 0.002 | 2 | 0.02 | 0.001 | 3.51 | 18.18 | |
| 6U | 2 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 | |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | | |
| 9A | 25 | 0.14 | 0.004 | 9 | 0.09 | 0.003 | 2.59 | 36.00 | |
| 9C | 2243 | 12.89 | 0.349 | 1229 | 12.67 | 0.360 | 3.54 | 54.79 | |
| 9D | 866 | 4.98 | 0.135 | 563 | 5.81 | 0.165 | 4.12 | 65.01 | |
| 9F | 34 | 0.20 | 0.005 | 6 | 0.06 | 0.002 | 9.84 | 17.65 | |
| 9G | 2130 | 12.24 | 0.331 | 1162 | 11.98 | 0.340 | 2.88 | 54.55 | |
| 9H | 9 | 0.05 | 0.001 | 5 | 0.05 | 0.001 | 1.53 | 55.56 | |
| 9I | 32 | 0.18 | 0.005 | 7 | 0.07 | 0.002 | 25.93 | 21.88 | |
| 9J | 32 | 0.18 | 0.005 | 2 | 0.02 | 0.001 | 5.56 | 6.25 | |
| 9K | 2 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 | |
| 9L | 469 | 2.70 | 0.073 | 1 | 0.01 | 0.000 | 0.33 | 0.21 | |
| 9M | 397 | 2.28 | 0.062 | 340 | 3.51 | 0.100 | 1.69 | 85.64 | |
| 9N | 2559 | 14.71 | 0.398 | 1458 | 15.04 | 0.427 | 2.07 | 56.98 | |

APPENDIX T (con't.)

ANALYSIS OF UIC N03343

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 90 | 4 | 0.02 | 0.001 | 1 | 0.01 | 0.000 | 1.02 | 25.00 |
| 9Q | 2307 | 13.26 | 0.359 | 1282 | 13.22 | 0.376 | 2.72 | 55.57 |
| 9V | 26 | 0.15 | 0.004 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9W | 6 | 0.03 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9Y | 30 | 0.17 | 0.005 | 13 | 0.13 | 0.004 | 1.29 | 43.33 |
| 9Z | 3942 | 22.65 | 0.613 | 2586 | 26.67 | 0.758 | 3.28 | 65.60 |

428 TOTAL

| | | | | | | |
|-------|-------|-------|------|-------|-------|-------|
| 17338 | 99.64 | 2.695 | 9683 | 99.86 | 2.837 | 55.85 |
|-------|-------|-------|------|-------|-------|-------|

ALL
COGS

| | | | | | | |
|-------|--------|-------|------|--------|-------|-------|
| 17401 | 100.00 | 2.705 | 9697 | 100.00 | 2.841 | 55.73 |
|-------|--------|-------|------|--------|-------|-------|

APPENDIX T (con't.)

ANALYSIS OF UIC N68378

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|--------|--------|-----------|-------|------|---------------------|
| 0I | 81 | 1.03 | 0.0126 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1I | 82 | 1.04 | 0.0128 | 46 | 0.94 | 0.013 | 0.26 | 56.10 |
| 1H | 33 | 0.42 | 0.0051 | 19 | 0.39 | 0.006 | 0.18 | 57.58 |
| 1N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1Q | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1R | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2F | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2H | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2R | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2S | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2Z | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 4G | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 4N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 5N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 5R | 2 | 0.03 | 0.000 | 1 | 0.02 | 0.000 | 0.09 | 50.00 |

APPENDIX T (con't.)

ANALYSIS OF UIC N68378

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6G | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 6U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | 274 | 3.49 | 0.043 | 136 | 2.78 | 0.040 | 39.08 | 49.64 |
| 9C | 2320 | 29.53 | 0.361 | 1686 | 33.68 | 0.494 | 4.86 | 72.67 |
| 9D | 63 | 0.80 | 0.010 | 48 | 0.98 | 0.014 | 0.35 | 76.19 |
| 9F | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9G | 1063 | 13.53 | 0.165 | 763 | 15.59 | 0.224 | 1.89 | 71.78 |
| 9H | 2 | 0.03 | 0.000 | 1 | 0.02 | 0.000 | 0.31 | 50.00 |
| 9I | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9J | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9K | 2 | 0.03 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9L | 2 | 0.03 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9M | 3 | 0.04 | 0.000 | 3 | 0.06 | 0.001 | 0.01 | 100.00 |
| 9N | 349 | 4.44 | 0.054 | 239 | 4.88 | 0.070 | 0.34 | 68.48 |

APPENDIX T (con't.)

ANALYSIS OF UIC N68378

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----------|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 90 | 3 | 0.04 | 0.000 | 3 | 0.06 | 0.001 | 3.06 | 100.00 |
| 9Q | 2113 | 26.89 | 0.328 | 1041 | 21.28 | 0.305 | 2.21 | 49.27 |
| 9V | 1 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9W | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9Y | 27 | 0.34 | 0.004 | 21 | 0.43 | 0.006 | 2.09 | 77.78 |
| 9Z | 1429 | 18.19 | 0.222 | 886 | 18.11 | 0.260 | 1.13 | 62.00 |
| 431 TOTAL | | | | | | | | |
| | 7849 | 99.90 | 1.220 | 4893 | 100.00 | 1.433 | | 62.34 |
| ALL COGS | | | | | | | | |
| | 7857 | 100.00 | 1.221 | 4893 | 100.00 | 1.433 | | 62.28 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 1

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 0I | 157 | 0.33 | 0.024 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 1428 | 2.99 | 0.222 | 922 | 3.13 | 0.270 | 5.28 | 64.57 |
| 1I | 1680 | 3.52 | 0.261 | 1222 | 4.15 | 0.358 | 11.39 | 72.74 |
| 1N | 17 | 0.04 | 0.003 | 3 | 0.01 | 0.001 | 75.00 | 17.65 |
| 1Q | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1R | 26 | 0.05 | 0.004 | 9 | 0.03 | 0.003 | 2.44 | 34.62 |
| 2F | 8 | 0.02 | 0.001 | 5 | 0.02 | 0.001 | 5.43 | 62.50 |
| 2H | 121 | 0.25 | 0.019 | 101 | 0.34 | 0.030 | 11.98 | 83.47 |
| 2R | 15 | 0.03 | 0.002 | 8 | 0.03 | 0.002 | 12.5 | 53.33 |
| 2S | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 2Z | 21 | 0.04 | 0.003 | 19 | 0.06 | 0.006 | 10.33 | 90.48 |
| 4G | 329 | 0.69 | 0.051 | 70 | 0.24 | 0.021 | 7.48 | 21.28 |
| 4N | 18 | 0.04 | 0.003 | 10 | 0.03 | 0.003 | 1.48 | 55.56 |
| 5N | 3 | 0.01 | 0.000 | 1 | 0.00 | 0.000 | 6.67 | 33.33 |
| 5R | 22 | 0.05 | 0.003 | 20 | 0.07 | 0.006 | 1.78 | 90.91 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 1

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6G | 3 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 6U | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | 327 | 0.69 | 0.051 | 177 | 0.60 | 0.052 | 50.86 | 54.13 |
| 9C | 5236 | 10.98 | 0.814 | 3272 | 11.12 | 0.959 | 9.43 | 62.49 |
| 9D | 943 | 1.98 | 0.148 | 582 | 1.98 | 0.170 | 4.25 | 61.72 |
| 9F | 13 | 0.03 | 0.002 | 7 | 0.02 | 0.002 | 11.48 | 53.85 |
| 9G | 4843 | 10.15 | 0.753 | 2516 | 8.55 | 0.737 | 6.24 | 51.95 |
| 9H | 335 | 0.70 | 0.052 | 134 | 0.46 | 0.039 | 40.98 | 40.00 |
| 9I | 18 | 0.04 | 0.003 | 9 | 0.03 | 0.003 | 33.33 | 50.00 |
| 9J | 7 | 0.01 | 0.001 | 4 | 0.01 | 0.001 | 11.11 | 57.14 |
| 9K | 26 | 0.05 | 0.004 | 3 | 0.01 | 0.001 | 37.50 | 11.54 |
| 9L | 392 | 0.82 | 0.061 | 26 | 0.09 | 0.008 | 8.67 | 6.63 |
| 9M | 313 | 0.66 | 0.049 | 271 | 0.92 | 0.079 | 1.34 | 86.58 |
| 9N | 7107 | 14.90 | 1.105 | 3224 | 10.96 | 0.944 | 4.58 | 45.36 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 1

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 90 | 19 | 0.04 | 0.003 | 9 | 0.03 | 0.003 | 9.18 | 47.37 |
| 9Q | 17607 | 36.91 | 2.737 | 13425 | 45.64 | 3.933 | 28.45 | 76.25 |
| 9V | 20 | 0.04 | 0.003 | 4 | 0.01 | 0.001 | 19.05 | 20.00 |
| 9W | 6 | 0.01 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9Y | 231 | 0.48 | 0.036 | 161 | 0.55 | 0.047 | 15.99 | 69.00 |
| 9Z | 5882 | 12.33 | 0.914 | 3100 | 10.54 | 0.908 | 3.94 | 52.70 |

434

TOTAL

47175 98.90 7.334 29314 99.66 8.588 62.14

ALL
COGS

47701 100.00 7.416 29414 100.00 8.617 61.17

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 2

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 0I | 694 | 0.31 | 0.108 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 6452 | 2.91 | 1.003 | 2560 | 2.67 | 0.750 | 14.66 | 39.68 |
| 1I | 2206 | 0.99 | 0.343 | 1382 | 1.44 | 0.405 | 12.89 | 62.65 |
| 1N | 22 | 0.01 | 0.003 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1Q | 18 | 0.01 | 0.003 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1R | 5439 | 2.45 | 0.846 | 252 | 0.26 | 0.074 | 68.29 | 4.63 |
| 2F | 8 | 0.00 | 0.001 | 3 | 0.00 | 0.001 | 3.26 | 37.50 |
| 2H | 283 | 0.13 | 0.044 | 123 | 0.13 | 0.036 | 14.59 | 43.46 |
| 2R | 668 | 0.30 | 0.104 | 28 | 0.03 | 0.008 | 43.75 | 4.19 |
| 2S | 27 | 0.01 | 0.004 | 6 | 0.01 | 0.002 | 18.75 | 22.22 |
| 2Z | 54 | 0.02 | 0.008 | 22 | 0.02 | 0.006 | 11.96 | 40.74 |
| 4G | 909 | 0.41 | 0.141 | 288 | 0.30 | 0.084 | 30.77 | 31.68 |
| 4N | 119 | 0.05 | 0.018 | 49 | 0.50 | 0.014 | 7.25 | 41.18 |
| 5N | 18 | 0.01 | 0.003 | 3 | 0.00 | 0.001 | 20.00 | 16.67 |
| 5R | 1382 | 0.62 | 0.215 | 906 | 0.95 | 0.265 | 80.82 | 65.56 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 2

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6G | 37 | 0.02 | 0.006 | 11 | 0.01 | 0.003 | 19.30 | 29.73 |
| 6U | 9 | 0.00 | 0.001 | 4 | 0.00 | 0.001 | 9.09 | 44.44 |
| 8U | 488 | 0.22 | 0.076 | 399 | 0.42 | 0.117 | 37.22 | 81.76 |
| 9A | 116 | 0.05 | 0.018 | 29 | 0.03 | 0.008 | 8.33 | 25.00 |
| 9C | 22370 | 10.09 | 3.478 | 10069 | 10.52 | 2.950 | 29.00 | 45.01 |
| 9D | 5569 | 2.51 | 0.866 | 3596 | 3.76 | 1.053 | 26.29 | 64.57 |
| 9F | 247 | 0.11 | 0.038 | 19 | 0.02 | 0.006 | 31.15 | 7.69 |
| 9G | 23667 | 10.67 | 3.679 | 12039 | 12.58 | 3.527 | 29.84 | 50.87 |
| 9H | 71 | 0.03 | 0.011 | 23 | 0.02 | 0.007 | 7.03 | 32.39 |
| 9I | 88 | 0.04 | 0.014 | 9 | 0.01 | 0.003 | 33.33 | 10.22 |
| 9J | 405 | 0.18 | 0.063 | 11 | 0.01 | 0.003 | 30.56 | 2.72 |
| 9K | 75 | 0.03 | 0.012 | 2 | 0.00 | 0.001 | 25.00 | 2.67 |
| 9L | 2174 | 0.98 | 0.338 | 4 | 0.00 | 0.001 | 1.33 | 0.18 |
| 9M | 3796 | 1.71 | 0.590 | 3152 | 3.29 | 0.923 | 15.64 | 83.03 |
| 9N | 60478 | 27.27 | 9.402 | 24894 | 26.01 | 7.293 | 35.37 | 41.16 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 2

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|--------|--------|-----------|-------|-------|---------------------|
| 90 | 32 | 0.01 | 0.005 | 13 | 0.01 | 0.004 | 13.27 | 40.63 |
| 9Q | 11545 | 5.21 | 1.795 | 6648 | 6.95 | 1.948 | 14.09 | 57.58 |
| 9V | 245 | 0.11 | 0.038 | 7 | 0.01 | 0.002 | 33.33 | 2.86 |
| 9W | 50 | 0.02 | 0.008 | 1 | 0.00 | 0.000 | 2.00 | 0.02 |
| 9Y | 290 | 0.13 | 0.045 | 159 | 0.17 | 0.047 | 15.79 | 54.83 |
| 9Z | 71427 | 32.20 | 11.104 | 28953 | 30.25 | 8.482 | 36.77 | 40.54 |

437

TOTAL

221478 99.86 34.431 95664 99.94 28.025 43.19

ALL
COGS

221789 100.00 34.479 95722 100.00 28.042 43.16

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 3

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 0I | 1167 | 0.96 | 0.181 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 16157 | 13.29 | 2.512 | 8078 | 12.20 | 2.366 | 46.27 | 50.00 |
| 1I | 1446 | 1.19 | 0.225 | 965 | 1.46 | 0.282 | 9.00 | 66.74 |
| 1N | 49 | 0.04 | 0.008 | 1 | 0.00 | 0.000 | 25.00 | 2.04 |
| 1Q | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1R | 227 | 0.19 | 0.035 | 30 | 0.05 | 0.009 | 8.13 | 13.22 |
| 2F | 106 | 0.09 | 0.016 | 61 | 0.09 | 0.018 | 66.30 | 57.55 |
| 2H | 853 | 0.70 | 0.133 | 367 | 0.55 | 0.108 | 43.54 | 43.02 |
| 2R | 56 | 0.05 | 0.009 | 5 | 0.01 | 0.001 | 7.81 | 8.93 |
| 2S | 45 | 0.04 | 0.007 | 13 | 0.02 | 0.004 | 40.63 | 28.89 |
| 2Z | 131 | 0.11 | 0.020 | 90 | 0.14 | 0.026 | 48.91 | 68.70 |
| 4G | 619 | 0.51 | 0.096 | 266 | 0.40 | 0.078 | 28.42 | 42.97 |
| 4N | 599 | 0.49 | 0.093 | 358 | 0.54 | 0.105 | 52.96 | 59.77 |
| 5N | 70 | 0.06 | 0.011 | 4 | 0.01 | 0.001 | 26.67 | 5.71 |
| 5R | 12 | 0.01 | 0.002 | 7 | 0.01 | 0.002 | 0.62 | 58.33 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 3

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6G | 63 | 0.05 | 0.010 | 17 | 0.03 | 0.005 | 29.82 | 26.56 |
| 6U | 14 | 0.01 | 0.002 | 4 | 0.01 | 0.001 | 9.09 | 28.57 |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | 174 | 0.14 | 0.027 | 97 | 0.15 | 0.028 | 27.87 | 55.75 |
| 9C | 13529 | 11.13 | 2.103 | 7429 | 11.22 | 2.176 | 21.40 | 54.91 |
| 9D | 2808 | 2.31 | 0.437 | 1822 | 2.75 | 0.534 | 13.32 | 64.89 |
| 9F | 134 | 0.11 | 0.021 | 6 | 0.01 | 0.002 | 9.84 | 4.48 |
| 9G | 12383 | 10.19 | 1.925 | 7363 | 11.12 | 2.157 | 18.25 | 59.46 |
| 9H | 129 | 0.11 | 0.020 | 32 | 0.05 | 0.009 | 9.79 | 24.81 |
| 9I | 27 | 0.02 | 0.004 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9J | 25 | 0.02 | 0.004 | 3 | 0.00 | 0.001 | 8.33 | 12.00 |
| 9K | 97 | 0.08 | 0.015 | 1 | 0.00 | 0.000 | 12.50 | 1.03 |
| 9L | 1372 | 1.13 | 0.213 | 9 | 0.01 | 0.003 | 0.03 | 0.66 |
| 9M | 3788 | 3.12 | 0.589 | 3240 | 4.89 | 0.949 | 16.07 | 85.53 |
| 9N | 22023 | 18.12 | 3.424 | 11499 | 17.37 | 3.369 | 16.34 | 52.21 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 3

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 90 | 78 | 0.06 | 0.012 | 29 | 0.04 | 0.008 | 29.59 | 37.18 |
| 9Q | 9527 | 7.84 | 1.481 | 5119 | 7.73 | 1.500 | 10.85 | 53.74 |
| 9V | 84 | 0.07 | 0.013 | 1 | 0.00 | 0.000 | 4.76 | 1.19 |
| 9W | 15 | 0.01 | 0.002 | 2 | 0.00 | 0.000 | 40.00 | 13.33 |
| Y | 358 | 0.29 | 0.056 | 146 | 0.22 | 0.043 | 14.50 | 40.78 |
| 9Z | 33101 | 27.24 | 5.146 | 19126 | 28.89 | 5.603 | 24.29 | 57.78 |

440

TOTAL

121265 99.78 18.852 66190 99.97 19.390 54.58

ALL
COGS

121537 100.00 18.894 66212 100.00 19.397 54.48

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 4

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 0I | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1H | 108 | 3.49 | 0.017 | 74 | 2.74 | 0.022 | 0.42 | 68.52 |
| 1I | 243 | 7.85 | 0.038 | 176 | 6.52 | 0.052 | 1.64 | 72.43 |
| 1N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1Q | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1R | 1 | 0.03 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 2F | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2H | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2R | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2S | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2Z | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 4G | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 4N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 5N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 5R | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 4

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 6G | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 6U | 3 | 0.10 | 0.000 | 2 | 0.07 | 0.001 | 4.55 | 66.67 |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9C | 181 | 5.85 | 0.028 | 156 | 5.78 | 0.046 | 0.45 | 86.19 |
| 9D | 29 | 0.94 | 0.005 | 24 | 0.89 | 0.007 | 0.18 | 82.76 |
| 9F | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9G | 435 | 14.06 | 0.068 | 405 | 14.99 | 0.119 | 1.00 | 93.10 |
| 9H | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9I | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9J | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9K | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9L | 1 | 0.03 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9M | 690 | 22.30 | 0.107 | 596 | 22.07 | 0.175 | 2.96 | 86.38 |
| 9N | 610 | 19.72 | 0.095 | 572 | 21.18 | 0.168 | 0.81 | 93.77 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 4

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 90 | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9Q | 207 | 6.69 | 0.032 | 152 | 5.63 | 0.045 | 0.32 | 73.43 |
| 9V | 2 | 0.06 | 0.000 | 2 | 0.07 | 0.000 | 9.52 | 100.00 |
| 9W | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9Y | 2 | 0.06 | 0.000 | 2 | 0.07 | 0.000 | 0.20 | 100.00 |
| 9Z | 572 | 18.49 | 0.089 | 538 | 19.92 | 0.158 | 0.68 | 94.06 |

44
43 TOTAL

3084 99.68 0.479 2699 99.93 0.791 87.52

ALL
COGS

3094 100.00 0.481 2701 100.00 0.791 87.30

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 5

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 0I | 23 | 0.05 | 0.004 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 551 | 1.30 | 0.086 | 233 | 1.15 | 0.068 | 1.33 | 42.29 |
| 1I | 2136 | 5.02 | 0.332 | 1573 | 7.77 | 0.461 | 14.67 | 73.64 |
| 1N | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1Q | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1R | 266 | 0.63 | 0.041 | 36 | 0.18 | 0.011 | 9.76 | 15.93 |
| 2F | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2H | 10 | 0.02 | 0.002 | 7 | 0.03 | 0.002 | 0.83 | 70.00 |
| 2R | 20 | 0.05 | 0.003 | 8 | 0.04 | 0.002 | 12.50 | 40.00 |
| 2S | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2Z | 1 | 0.00 | 0.000 | 1 | 0.00 | 0.000 | 0.54 | 100.00 |
| 4G | 16 | 0.04 | 0.002 | 11 | 0.05 | 0.003 | 1.18 | 68.75 |
| 4N | 1 | 0.00 | 0.000 | 1 | 0.00 | 0.000 | 0.15 | 100.00 |
| 5N | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 5R | 19 | 0.04 | 0.003 | 13 | 0.06 | 0.004 | 1.16 | 68.42 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 5

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|---------------|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6G | 4 | 0.01 | 0.001 | 1 | 0.00 | 0.000 | 1.75 | 25.00 |
| 6U | 5 | 0.01 | 0.001 | 1 | 0.00 | 0.000 | 2.27 | 20.00 |
| 8U | 1071 | 2.51 | 0.166 | 673 | 3.32 | 0.197 | 62.78 | 62.90 |
| 9A | 34 | 0.08 | 0.005 | 7 | 0.03 | 0.002 | 2.01 | 20.59 |
| 9C | 3095 | 7.27 | 0.481 | 1587 | 7.84 | 0.465 | 4.57 | 51.28 |
| 9D | 4066 | 9.56 | 0.632 | 2301 | 11.37 | 0.674 | 16.82 | 56.59 |
| 9F | 16 | 0.04 | 0.002 | 1 | 0.00 | 0.000 | 1.64 | 6.25 |
| 4 45 9G | 4945 | 11.62 | 0.769 | 2656 | 13.12 | 0.778 | 6.58 | 53.71 |
| 9H | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9I | 3 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9J | 2 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9K | 3 | 0.01 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9L | 23 | 0.05 | 0.004 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9M | 818 | 1.92 | 0.127 | 741 | 3.66 | 0.217 | 3.68 | 90.59 |
| 9N | 16216 | 38.11 | 2.521 | 6437 | 31.80 | 1.886 | 9.15 | 39.70 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 5

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 90 | 4 | 0.01 | 0.001 | 2 | 0.01 | 0.000 | 2.04 | 50.00 |
| 9Q | 278 | 0.65 | 0.043 | 90 | 0.44 | 0.026 | 0.19 | 32.37 |
| 9V | 18 | 0.04 | 0.003 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9W | 5 | 0.01 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9Y | 15 | 0.04 | 0.002 | 1 | 0.00 | 0.000 | 0.10 | 6.67 |
| 9Z | 8715 | 20.48 | 1.355 | 3834 | 18.94 | 1.123 | 4.87 | 43.99 |

446

TOTAL

42381 99.61 6.588 20215 99.86 5.922 47.70

ALL
COGS

42545 100.00 6.614 20243 100.00 5.930 47.58

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 6

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 0I | 88 | 2.47 | 0.014 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 90 | 2.53 | 0.014 | 35 | 1.65 | 0.010 | 0.20 | 38.89 |
| 1I | 200 | 5.62 | 0.031 | 136 | 6.40 | 0.040 | 1.27 | 68.00 |
| 1N | 1 | 0.03 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1Q | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1R | 8 | 0.22 | 0.001 | 1 | 0.05 | 0.000 | 0.27 | 12.50 |
| 2F | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2H | 1 | 0.03 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 2R | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2S | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2Z | 6 | 0.17 | 0.001 | 1 | 0.05 | 0.000 | 0.54 | 16.67 |
| 4G | 25 | 0.70 | 0.004 | 12 | 0.56 | 0.004 | 1.28 | 48.00 |
| 4N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 5N | 10 | 0.28 | 0.002 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 5R | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 6

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 6G | 12 | 0.34 | 0.002 | 4 | 0.19 | 0.001 | 7.02 | 33.33 |
| 6U | 1 | 0.03 | 0.000 | 1 | 0.05 | 0.000 | 2.27 | 100.00 |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | 26 | 0.73 | 0.004 | 15 | 0.71 | 0.004 | 4.31 | 57.69 |
| 9C | 343 | 9.64 | 0.053 | 216 | 10.16 | 0.063 | 0.62 | 62.30 |
| 9D | 37 | 1.04 | 0.006 | 28 | 1.32 | 0.008 | 0.20 | 75.68 |
| 9F | 2 | 0.06 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9G | 428 | 12.03 | 0.067 | 254 | 11.95 | 0.074 | 0.63 | 59.35 |
| 9H | 3 | 0.08 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9I | 4 | 0.11 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9J | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9K | 9 | 0.25 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9L | 11 | 0.31 | 0.002 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9M | 451 | 12.67 | 0.070 | 413 | 19.44 | 0.129 | 2.05 | 91.57 |
| 9N | 1255 | 35.26 | 0.195 | 722 | 33.98 | 0.212 | 1.03 | 57.53 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 6

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 90 | 3 | 0.08 | 0.000 | 2 | 0.09 | 0.001 | 2.04 | 66.67 |
| 9Q | 156 | 4.38 | 0.024 | 68 | 3.20 | 0.020 | 0.14 | 43.59 |
| 9V | 4 | 0.11 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9W | 2 | 0.06 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9Y | 39 | 1.10 | 0.006 | 9 | 0.42 | 0.003 | 8.94 | 23.08 |
| 9Z | 331 | 9.30 | 0.051 | 208 | 9.79 | 0.061 | 0.26 | 62.84 |

449

TOTAL

3546 99.63 0.551 2125 100.00 0.623 59.93

ALL
COGS

3559 100.00 0.553 2125 100.00 0.623 59.71

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 7

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 0I | 78 | 0.21 | 0.012 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 3164 | 8.33 | 0.492 | 1321 | 5.32 | 0.387 | 7.57 | 41.75 |
| 1I | 1309 | 3.45 | 0.203 | 840 | 3.39 | 0.246 | 7.83 | 64.17 |
| 1N | 4 | 0.01 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1Q | 1 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1R | 53 | 0.14 | 0.008 | 8 | 0.03 | 0.002 | 2.17 | 15.09 |
| 2F | 18 | 0.05 | 0.003 | 16 | 0.06 | 0.005 | 17.39 | 88.89 |
| 2H | 111 | 0.29 | 0.017 | 54 | 0.22 | 0.016 | 6.41 | 48.65 |
| 2R | 13 | 0.03 | 0.002 | 1 | 0.00 | 0.000 | 1.56 | 7.69 |
| 2S | 9 | 0.02 | 0.001 | 3 | 0.01 | 0.001 | 9.38 | 33.33 |
| 2Z | 30 | 0.08 | 0.005 | 14 | 0.06 | 0.004 | 7.61 | 46.67 |
| 4G | 186 | 0.49 | 0.029 | 55 | 0.22 | 0.016 | 5.88 | 29.57 |
| 4N | 99 | 0.26 | 0.015 | 52 | 0.21 | 0.015 | 7.69 | 52.53 |
| 5N | 4 | 0.01 | 0.001 | 2 | 0.01 | 0.001 | 13.33 | 50.00 |
| 5R | 136 | 0.36 | 0.021 | 99 | 0.40 | 0.029 | 8.83 | 72.79 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 7

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 6G | 37 | 0.10 | 0.006 | 13 | 0.05 | 0.004 | 22.81 | 35.14 |
| 6U | 33 | 0.09 | 0.005 | 9 | 0.04 | 0.003 | 20.45 | 27.27 |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | 9 | 0.02 | 0.001 | 4 | 0.02 | 0.001 | 1.15 | 44.44 |
| 9C | 3357 | 8.84 | 0.522 | 1993 | 8.03 | 0.584 | 5.74 | 59.37 |
| 9D | 1189 | 3.13 | 0.185 | 877 | 3.53 | 0.257 | 6.41 | 73.76 |
| 9F | 16 | 0.04 | 0.002 | 5 | 0.02 | 0.001 | 8.20 | 31.25 |
| 9G | 4430 | 11.67 | 0.689 | 3253 | 13.11 | 0.953 | 8.06 | 73.43 |
| 9H | 73 | 0.19 | 0.011 | 22 | 0.09 | 0.006 | 6.73 | 30.14 |
| 9I | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9J | 4 | 0.01 | 0.001 | 1 | 0.00 | 0.000 | 2.78 | 25.00 |
| 9K | 24 | 0.06 | 0.004 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9L | 753 | 1.98 | 0.117 | 6 | 0.02 | 0.002 | 0.02 | 0.80 |
| 9M | 3053 | 8.04 | 0.475 | 2645 | 10.66 | 0.775 | 13.12 | 86.64 |
| 9N | 8169 | 21.52 | 1.270 | 6298 | 25.38 | 1.845 | 8.95 | 77.10 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 7

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 90 | 22 | 0.06 | 0.003 | 11 | 0.04 | 0.003 | 11.22 | 50.00 |
| 9Q | 4716 | 12.42 | 0.733 | 2882 | 11.62 | 0.844 | 6.11 | 61.11 |
| 9V | 9 | 0.02 | 0.001 | 1 | 0.00 | 0.000 | 4.76 | 11.11 |
| 9W | 1 | 0.00 | 0.000 | 1 | 0.00 | 0.000 | 20.00 | 100.00 |
| 9Y | 126 | 0.33 | 0.020 | 71 | 0.29 | 0.021 | 7.05 | 56.35 |
| 9Z | 6571 | 17.31 | 1.022 | 4190 | 16.89 | 1.227 | 5.32 | 63.77 |

452

TOTAL

37807 99.59 5.878 24747 99.75 7.250 65.46

ALL
COGS

37964 100.00 5.902 24810 100.00 7.268 65.35

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 8

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 0I | 8 | 0.15 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 41 | 0.78 | 0.006 | 38 | 0.95 | 0.011 | 0.22 | 92.68 |
| 1I | 1173 | 22.33 | 0.182 | 825 | 20.61 | 0.242 | 7.69 | 70.33 |
| 1N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1Q | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1R | 4 | 0.08 | 0.001 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 2F | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2H | 1 | 0.02 | 0.000 | 1 | 0.02 | 0.000 | 0.12 | 100.00 |
| 2R | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2S | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2Z | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 4G | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 4N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 5N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 5R | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 8

| | COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|----|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 6G | | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 6U | | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 8U | | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9C | | 257 | 4.89 | 0.040 | 243 | 6.07 | 0.071 | 0.70 | 94.55 |
| 9D | | 628 | 11.96 | 0.098 | 385 | 9.62 | 0.113 | 2.81 | 61.31 |
| 9F | | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9G | | 302 | 5.75 | 0.047 | 215 | 5.37 | 0.063 | 0.53 | 71.19 |
| 9H | | 2 | 0.04 | 0.000 | 1 | 0.02 | 0.000 | 0.31 | 50.00 |
| 9I | | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9J | | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9K | | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9L | | 11 | 0.21 | 0.002 | 3 | 0.07 | 0.001 | 0.01 | 27.27 |
| 9M | | 1848 | 35.18 | 0.287 | 1625 | 40.59 | 0.476 | 8.06 | 87.93 |
| 9N | | 83 | 1.58 | 0.013 | 74 | 1.85 | 0.022 | 0.11 | 89.16 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 8

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 90 | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9Q | 628 | 11.96 | 0.098 | 356 | 8.89 | 0.104 | 0.75 | 56.69 |
| 9V | 1 | 0.02 | 0.000 | 1 | 0.02 | 0.000 | 4.76 | 100.00 |
| 9W | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9Y | 7 | 0.13 | 0.001 | 6 | 0.15 | 0.002 | 0.60 | 85.71 |
| 9Z | 244 | 4.64 | 0.038 | 227 | 5.67 | 0.067 | 0.29 | 93.03 |

455

TOTAL

5238 99.71 0.814 4000 99.93 1.172 76.37

ALL
COGS

5253 100.00 0.817 4003 100.00 1.173 76.20

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 9

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 0I | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1H | 56 | 2.69 | 0.009 | 32 | 3.00 | 0.009 | 0.18 | 57.14 |
| 1I | 309 | 14.83 | 0.048 | 229 | 21.50 | 0.067 | 2.14 | 74.11 |
| 1N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1Q | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 1R | 9 | 0.43 | 0.001 | 5 | 0.47 | 0.001 | 1.36 | 55.56 |
| 2F | 4 | 0.19 | 0.001 | 1 | 0.09 | 0.000 | 1.09 | 25.00 |
| 2H | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2R | 6 | 0.29 | 0.001 | 2 | 0.19 | 0.001 | 3.13 | 33.33 |
| 2S | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 2Z | 3 | 0.14 | 0.000 | 2 | 0.19 | 0.001 | 1.09 | 66.67 |
| 4G | 5 | 0.24 | 0.001 | 1 | 0.09 | 0.000 | 0.11 | 20.00 |
| 4N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 5N | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 5R | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 9

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 6G | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 6U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9C | 38 | 1.82 | 0.006 | 26 | 2.44 | 0.008 | 0.07 | 68.42 |
| 9D | 106 | 5.09 | 0.016 | 73 | 6.85 | 0.021 | 0.53 | 68.87 |
| 9F | 4 | 0.19 | 0.001 | 1 | 0.09 | 0.000 | 1.64 | 25.00 |
| 9G | 187 | 8.97 | 0.029 | 72 | 6.76 | 0.021 | 0.18 | 38.50 |
| 9H | 1 | 0.05 | 0.000 | 1 | 0.09 | 0.000 | 0.31 | 100.00 |
| 9I | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9J | 1 | 0.05 | 0.000 | 1 | 0.09 | 0.000 | 2.78 | 100.00 |
| 9K | 2 | 0.10 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9L | 15 | 0.72 | 0.002 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9M | 1 | 0.05 | 0.000 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 9N | 485 | 23.27 | 0.075 | 246 | 23.10 | 0.072 | 0.35 | 50.72 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 9

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|------|---------------------|
| 90 | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9Q | 719 | 34.50 | 0.112 | 310 | 29.11 | 0.091 | 0.66 | 43.12 |
| 9V | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9W | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9Y | 16 | 0.77 | 0.002 | 7 | 0.66 | 0.002 | 0.70 | 43.75 |
| 9Z | 105 | 5.04 | 0.016 | 53 | 4.98 | 0.016 | 0.07 | 50.48 |

458 TOTAL

2072 99.42 0.322 1062 99.72 0.311 51.25

ALL
COGS

2084 100.00 0.324 1065 100.00 0.312 51.10

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 10

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 0I | 156 | 0.10 | 0.024 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1H | 10753 | 6.82 | 1.672 | 4094 | 4.31 | 1.199 | 23.45 | 38.07 |
| 1I | 4797 | 3.04 | 0.746 | 3377 | 3.55 | 0.989 | 31.49 | 70.40 |
| 1N | 20 | 0.01 | 0.003 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1Q | 161 | 0.10 | 0.025 | 0 | 0.00 | 0.000 | 0.00 | 0.00 |
| 1R | 362 | 0.23 | 0.056 | 28 | 0.03 | 0.008 | 7.59 | 7.73 |
| 2F | 18 | 0.01 | 0.003 | 6 | 0.01 | 0.002 | 6.52 | 33.33 |
| 2H | 825 | 0.52 | 0.128 | 190 | 0.20 | 0.056 | 22.54 | 23.00 |
| 2R | 60 | 0.04 | 0.009 | 12 | 0.01 | 0.004 | 18.75 | 20.00 |
| 2S | 36 | 0.02 | 0.006 | 10 | 0.01 | 0.003 | 31.25 | 27.78 |
| 2Z | 75 | 0.05 | 0.012 | 35 | 0.04 | 0.010 | 19.02 | 46.67 |
| 4G | 986 | 0.63 | 0.153 | 233 | 0.25 | 0.068 | 24.89 | 23.63 |
| 4N | 676 | 0.43 | 0.105 | 206 | 0.22 | 0.060 | 30.47 | 30.47 |
| 5N | 27 | 0.02 | 0.004 | 5 | 0.01 | 0.001 | 33.33 | 18.52 |
| 5R | 112 | 0.07 | 0.017 | 76 | 0.08 | 0.022 | 6.78 | 67.86 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 10

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 5G | 46 | 0.03 | 0.007 | 11 | 0.01 | 0.003 | 19.30 | 23.91 |
| 6U | 41 | 0.03 | 0.006 | 23 | 0.02 | 0.007 | 52.27 | 56.10 |
| 8U | 0 | 0.00 | 0.000 | 0 | 0.00 | 0.000 | | |
| 9A | 54 | 0.03 | 0.008 | 19 | 0.02 | 0.006 | 5.46 | 35.19 |
| 9C | 15815 | 10.03 | 2.459 | 9721 | 10.23 | 2.848 | 28.00 | 61.47 |
| 9D | 5650 | 3.58 | 0.878 | 3992 | 4.20 | 1.169 | 29.18 | 70.65 |
| 9F | 174 | 0.11 | 0.027 | 22 | 0.02 | 0.006 | 36.07 | 12.64 |
| 9G | 17255 | 10.94 | 2.682 | 11568 | 12.17 | 3.389 | 28.68 | 67.04 |
| 9H | 348 | 0.22 | 0.054 | 114 | 0.12 | 0.033 | 34.86 | 32.76 |
| 9I | 164 | 0.10 | 0.025 | 9 | 0.01 | 0.003 | 33.33 | 5.49 |
| 9J | 126 | 0.08 | 0.020 | 16 | 0.02 | 0.005 | 44.44 | 12.70 |
| 9K | 48 | 0.03 | 0.007 | 2 | 0.00 | 0.001 | 25.00 | 4.17 |
| 9L | 7477 | 4.74 | 1.162 | 252 | 0.27 | 0.074 | 84.00 | 3.37 |
| 9M | 8660 | 5.49 | 1.346 | 7473 | 7.86 | 2.189 | 37.08 | 86.29 |
| 9N | 25259 | 16.01 | 3.927 | 16413 | 17.27 | 48.08 | 23.32 | 64.98 |

APPENDIX T (con't.)

ANALYSIS OF CLUSTER 10

| COG | TOTAL | %ACTIVITY | %ALL | ISSUED | %ACTIVITY | %ALL | %COG | GROSS EFFECTIVENESS |
|-----|-------|-----------|-------|--------|-----------|-------|-------|---------------------|
| 90 | 90 | 0.06 | 0.154 | 32 | 0.03 | 0.009 | 32.65 | 35.56 |
| 9Q | 26633 | 16.88 | 4.140 | 18138 | 19.08 | 5.313 | 38.44 | 68.10 |
| 9V | 162 | 0.10 | 0.025 | 5 | 0.01 | 0.001 | 23.81 | 3.09 |
| 9W | 26 | 0.02 | 0.004 | 1 | 0.00 | 0.000 | 20.00 | 3.85 |
| 9Y | 691 | 0.44 | 0.107 | 455 | 0.47 | 0.130 | 44.19 | 64.40 |
| 9Z | 29735 | 18.85 | 4.623 | 18503 | 19.46 | 5.420 | 23.50 | 62.23 |

461

TOTAL

157519 99.86 24.488 95031 99.97 27.840 60.33

ALL
COGS

157734 100.00 24.521 95058 100.00 27.847 60.26

EXPLANATION OF COLUMN HEADINGS

| | |
|---------------------------|--|
| COG | Self-explanatory |
| TOTAL | Total requisition submitted |
| PERCENTAGE OF ACTIVITY | Total requisitions for the COG as percent- age of activity total requisitions (All COGs) |
| PERCENTAGE OF ALL | Total requisitions for the COG as percent- age of all customers total requisitions (All COGs) |
| ISSUED | Total 'BA' status requisitions |
| PERCENTAGE OF ACTIVITY | Total 'BA' status requisitions for the COG as percentage of activity total 'BA' re- quisitions (All COGs) |
| PERCENTAGE OF ALL | Total 'BA' status requisitions for the COG as percentage of all customers total 'BA' requisitions (All COGs) |
| PERCENTAGE OF COG | Total 'BA' status requisitions for the COG as percentage of all local customers total 'BA' requisitions for the same COG |
| GROSS EFFECTIVENESS | Total 'BA' status requisitions for the COG divided by total requisitions for the same COG |

APPENDIX U

NSC OAKLAND LOCAL CUSTOMERS ANALYSIS OF REQUISITION PRIORITIES

TABLE U - 1

REQUISITION PRIORITY MATRIX

| <u>CLUSTER</u> | <u>IPG 1</u> | <u>%</u> | <u>IPG 2</u> | <u>%</u> | <u>IPG 3</u> | <u>%</u> |
|----------------|--------------|----------|--------------|----------|--------------|----------|
| 1 ^a | 200 | 0.7 | 5,734 | 21.8 | 20,404 | 77.5 |
| 2 ^b | 11,513 | 12.6 | 42,996 | 47.2 | 36,596 | 40.2 |
| 3 ^c | 9,778 | 15.0 | 12,702 | 19.6 | 42,478 | 65.4 |
| 4 | 2 | 0.0 | 541 | 20.3 | 2,124 | 79.7 |
| 5 | 4,643 | 23.3 | 5,174 | 26.0 | 10,070 | 50.7 |
| 6 | 18 | 0.9 | 146 | 7.1 | 1,905 | 92.0 |
| 7 | 201 | 0.8 | 4,200 | 17.3 | 19,915 | 81.9 |
| 8 | 33 | 0.8 | 565 | 14.2 | 3,367 | 85.0 |
| 9 | 12 | 1.1 | 96 | 9.1 | 942 | 89.8 |
| 10 | 61 | 0.1 | 13,509 | 14.8 | 77,780 | 85.1 |
| ALL | 26,481 | 8.1 | 85,663 | 26.1 | 215,581 | 65.8 |

^aIncludes PWC San Francisco

^bIncludes NARF Alameda

^cIncludes Mare Island NSY

TABLE U - 2
ISSUE PRIORITY GROUP MATRIX

| <u>CLUSTER</u> | <u>IPG I</u> <u>(%)</u> | <u>IPG II</u> <u>(%)</u> | <u>IPG III</u> <u>(%)</u> | <u>TOTAL</u> <u>(%)</u> |
|----------------|----------------------------|-----------------------------|------------------------------|----------------------------|
| 1 ^a | 0.8 | 6.7 | 9.5 | 8.0 |
| 2 ^b | 43.6 | 50.2 | 17.0 | 27.8 |
| 3 ^c | 37.0 | 14.8 | 19.7 | 19.8 |
| 4 | 0.0 | 0.6 | 1.0 | 0.8 |
| 5 | 17.5 | 6.0 | 4.7 | 6.1 |
| 6 | 0.0 | 0.2 | 0.9 | 0.6 |
| 7 | 0.8 | 4.9 | 9.1 | 7.5 |
| 8 | 0.1 | 0.7 | 1.6 | 1.2 |
| 9 | 0.0 | 0.1 | 0.4 | 0.3 |
| 10 | 0.2 | 15.8 | 36.1 | 27.9 |
| ALL | 100.0 | 100.0 | 100.0 | 100.0 |

^aIncludes PWC San Francisco

^bIncludes NARF Alameda

^cIncludes Mare Island NSY

TABLE U - 3
WEIGHTED AVERAGE
REQUISITION SUBMISSION TIMES

| <u>CLUSTER</u> | <u>IPG I (DAYS)</u> | <u>IPG II (DAYS)</u> | <u>IPG III (DAYS)</u> | <u>TOTAL (DAYS)</u> |
|----------------|-------------------------|--------------------------|---------------------------|-------------------------|
| 1 ^a | 3.3 | 3.5 | 6.5 | 5.8 |
| 2 ^b | 6.8 | 6.9 | 6.9 | 6.9 |
| 3 ^c | 3.1 | 6.4 | 4.7 | 4.8 |
| 4 | 9.5 | 4.5 | 8.7 | 7.9 |
| 5 | 2.9 | 4.8 | 5.4 | 4.7 |
| 6 | 2.6 | 4.5 | 5.7 | 5.6 |
| 7 | 4.3 | 4.5 | 6.7 | 6.3 |
| 8 | 3.1 | 4.1 | 3.8 | 3.9 |
| 9 | 1.4 | 7.0 | 9.1 | 8.8 |
| 10 | 3.1 | 7.3 | 9.4 | 9.1 |
| ALL | 4.7 | 6.4 | 7.2 | 6.8 |

^aIncludes PWC San Francisco

^bIncludes NARF Alameda

^cIncludes Mare Island NSY

APPENDIX V

NSC OAKLAND'S LOCAL CUSTOMERS ANALYSIS BY DAY OF THE WEEK AND MONTH OF THE YEAR

TABLE V - 1

ANALYSIS OF UIC: ALL LOCAL CUSTOMERS

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 21,964 | 18,695 | | 5.4 | 9,269 | | 2.7 |
| MONDAY | 57,617 | 44,443 | | 13.1 | 55,239 | | 16.2 |
| TUESDAY | 65,990 | 71,667 | | 21.1 | 70,369 | | 20.6 |
| WEDNESDAY | 63,707 | 71,371 | | 20.0 | 66,744 | | 19.6 |
| THURSDAY | 60,246 | 60,154 | | 17.7 | 71,379 | | 20.9 |
| FRIDAY | 50,315 | 53,149 | | 15.6 | 54,135 | | 17.3 |
| SATURDAY | 21,085 | 20,929 | | 6.1 | 9,248 | | 2.7 |
| TOTAL | 340,924 | 340,408 | | 100.0 | 341,383 | | 100.0 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N00221

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 15 | 1,903 | 4.5 | 10.2 | 973 | 2.3 | 10.5 |
| MONDAY | 8,194 | 3,256 | 7.8 | 7.3 | 6,450 | 15.4 | 11.7 |
| TUESDAY | 8,667 | 7,039 | 16.8 | 9.8 | 6,402 | 15.3 | 9.1 |
| WEDNESDAY | 8,295 | 8,472 | 20.2 | 11.9 | 9,080 | 21.7 | 13.6 |
| THURSDAY | 8,667 | 8,127 | 19.4 | 13.5 | 8,310 | 19.8 | 11.6 |
| FRIDAY | 8,003 | 8,378 | 20.0 | 15.8 | 9,494 | 22.7 | 16.1 |
| SATURDAY | 64 | 4,730 | 11.3 | 22.6 | 1,196 | 2.9 | 12.9 |
| TOTAL | 41,905 | 41,905 | 100.0 | 12.3 | 41,905 | 100.0 | 12.3 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N65885

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 250 | 1,913 | 7.2 | 10.2 | 1,400 | 5.3 | 15.1 |
| MONDAY | 4,983 | 1,596 | 6.0 | 3.6 | 4,449 | 16.8 | 8.1 |
| TUESDAY | 5,435 | 4,391 | 16.6 | 6.1 | 2,901 | 10.9 | 4.1 |
| WEDNESDAY | 5,193 | 5,106 | 19.3 | 7.2 | 4,444 | 16.8 | 6.7 |
| THURSDAY | 5,286 | 5,338 | 20.2 | 8.9 | 5,235 | 19.8 | 7.3 |
| FRIDAY | 4,473 | 5,447 | 20.5 | 10.2 | 5,484 | 20.7 | 10.1 |
| SATURDAY | 871 | 2,700 | 10.2 | 12.9 | 2,578 | 9.7 | 27.9 |
| TOTAL | 26,491 | 26,491 | 100.0 | 7.8 | 26,491 | 100.0 | 7.8 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N03365

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 3,182 | 2,557 | 10.0 | 13.7 | 644 | 2.5 | 6.9 |
| MONDAY | 2,783 | 3,243 | 12.7 | 7.3 | 5,076 | 19.9 | 9.2 |
| TUESDAY | 4,180 | 5,927 | 23.3 | 8.3 | 7,061 | 27.8 | 10.0 |
| WEDNESDAY | 4,055 | 3,987 | 15.7 | 5.6 | 3,201 | 12.6 | 4.8 |
| THURSDAY | 4,131 | 3,186 | 12.5 | 5.3 | 6,045 | 23.8 | 8.5 |
| FRIDAY | 3,433 | 4,828 | 19.0 | 9.1 | 2,521 | 9.9 | 4.7 |
| SATURDAY | 3,646 | 1,716 | 6.8 | 8.2 | 897 | 3.5 | 9.7 |
| TOTAL | 25,410 | 25,444 | 100.0 | 7.5 | 25,445 | 100.0 | 7.5 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N00236

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 653 | 740 | 3.5 | 4.0 | 843 | 4.0 | 9.1 |
| MONDAY | 2,386 | 2,994 | 14.4 | 6.7 | 3,729 | 17.9 | 6.8 |
| TUESDAY | 4,270 | 3,016 | 14.5 | 4.2 | 2,707 | 13.0 | 3.8 |
| WEDNESDAY | 3,356 | 5,062 | 24.3 | 7.1 | 3,719 | 17.8 | 5.6 |
| THURSDAY | 3,919 | 4,333 | 20.8 | 7.2 | 5,012 | 24.0 | 7.0 |
| FRIDAY | 3,249 | 3,891 | 18.6 | 7.3 | 4,438 | 21.3 | 8.2 |
| SATURDAY | 3,023 | 805 | 3.9 | 3.8 | 411 | 2.0 | 4.4 |
| TOTAL | 20,856 | 20,841 | 100.0 | 6.1 | 20,859 | 100.0 | 6.1 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N08809

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 23 | 631 | 3.3 | 3.4 | 488 | 2.6 | 5.3 |
| MONDAY | 4,231 | 4,760 | 24.9 | 10.7 | 2,706 | 14.2 | 4.9 |
| TUESDAY | 5,203 | 6,135 | 32.1 | 8.6 | 5,169 | 27.0 | 7.3 |
| WEDNESDAY | 4,500 | 3,001 | 15.7 | 4.2 | 2,313 | 12.1 | 3.5 |
| THURSDAY | 2,830 | 1,937 | 10.1 | 3.2 | 5,368 | 28.1 | 7.5 |
| FRIDAY | 2,296 | 1,788 | 9.4 | 3.4 | 2,819 | 14.7 | 5.2 |
| SATURDAY | 36 | 867 | 4.5 | 4.1 | 256 | 1.3 | 2.8 |
| TOTAL | 19,119 | 19,119 | 100.0 | 5.6 | 19,119 | 100.0 | 5.6 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N00228

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 1,163 | 1,780 | 8.3 | 9.5 | 878 | 4.0 | 9.5 |
| MONDAY | 3,984 | 2,438 | 11.3 | 5.5 | 2,960 | 13.8 | 5.4 |
| TUESDAY | 3,338 | 4,342 | 20.2 | 6.1 | 3,889 | 18.1 | 5.5 |
| WEDNESDAY | 5,809 | 3,505 | 16.3 | 4.9 | 4,928 | 22.9 | 7.4 |
| THURSDAY | 3,423 | 4,560 | 21.2 | 7.6 | 4,473 | 20.8 | 6.3 |
| FRIDAY | 3,008 | 3,756 | 17.5 | 7.1 | 4,123 | 19.2 | 7.6 |
| SATURDAY | 794 | 1,118 | 5.2 | 5.3 | 252 | 1.2 | 2.7 |
| TOTAL | 21,519 | 21,499 | 100.0 | 6.3 | 21,503 | 100.0 | 6.3 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N00296

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 349 | 525 | 3.3 | 2.8 | 493 | 3.1 | 5.3 |
| MONDAY | 2,558 | 1,611 | 10.1 | 3.6 | 2,756 | 17.3 | 5.0 |
| TUESDAY | 3,411 | 3,340 | 21.0 | 4.7 | 2,296 | 14.4 | 3.3 |
| WEDNESDAY | 3,156 | 3,167 | 19.9 | 4.4 | 3,078 | 19.4 | 4.6 |
| THURSDAY | 3,241 | 2,973 | 18.7 | 4.9 | 3,142 | 19.8 | 4.4 |
| FRIDAY | 2,647 | 3,007 | 18.9 | 5.7 | 3,388 | 21.3 | 6.3 |
| SATURDAY | 445 | 1,277 | 8.1 | 6.1 | 750 | 4.7 | 8.1 |
| TOTAL | 15,807 | 15,900 | 100.0 | 4.7 | 15,903 | 100.0 | 4.7 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N05834

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 1,301 | 679 | 5.6 | 3.6 | 268 | 2.2 | 2.9 |
| MONDAY | 4,265 | 3,832 | 31.3 | 8.6 | 2,239 | 18.3 | 4.1 |
| TUESDAY | 3,374 | 772 | 6.3 | 1.1 | 2,943 | 24.1 | 4.2 |
| WEDNESDAY | 2,000 | 2,750 | 22.5 | 3.9 | 3,173 | 26.0 | 4.8 |
| THURSDAY | 526 | 3,490 | 28.5 | 5.8 | 2,311 | 18.9 | 3.2 |
| FRIDAY | 709 | 633 | 5.2 | 1.2 | 1,213 | 9.9 | 2.2 |
| SATURDAY | 50 | 69 | 0.6 | 0.3 | 78 | 0.6 | 0.8 |
| TOTAL | 12,225 | 12,225 | 100.0 | 3.6 | 12,225 | 100.0 | 3.6 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N05831

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 1,267 | 489 | 4.2 | 2.6 | 120 | 1.0 | 1.3 |
| MONDAY | 2,560 | 429 | 3.7 | 1.0 | 810 | 7.0 | 1.5 |
| TUESDAY | 1,790 | 3,401 | 29.2 | 4.7 | 1,671 | 14.3 | 2.4 |
| WEDNESDAY | 1,173 | 6,057 | 52.0 | 8.5 | 1,070 | 9.2 | 1.6 |
| THURSDAY | 1,625 | 430 | 3.7 | 0.7 | 3,199 | 27.5 | 4.5 |
| FRIDAY | 1,851 | 599 | 5.1 | 1.1 | 4,665 | 40.0 | 8.6 |
| SATURDAY | 1,379 | 245 | 2.1 | 1.2 | 114 | 1.0 | 1.2 |
| TOTAL | 11,645 | 11,650 | 100.0 | 3.4 | 11,649 | 100.0 | 3.4 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N03343

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 456 | 1,717 | 17.7 | 9.2 | 382 | 3.9 | 4.1 |
| MONDAY | 1,365 | 1,613 | 16.6 | 3.6 | 1,641 | 16.8 | 3.0 |
| TUESDAY | 1,145 | 1,276 | 13.2 | 1.8 | 1,227 | 12.6 | 1.7 |
| WEDNESDAY | 2,666 | 1,360 | 14.0 | 1.9 | 3,503 | 35.9 | 5.2 |
| THURSDAY | 1,721 | 1,068 | 11.0 | 1.8 | 564 | 5.8 | 0.8 |
| FRIDAY | 1,344 | 1,900 | 19.0 | 3.6 | 1,938 | 19.9 | 3.6 |
| SATURDAY | 969 | 760 | 7.9 | 3.6 | 495 | 5.1 | 5.4 |
| TOTAL | 9,666 | 9,694 | 100.0 | 2.8 | 9,750 | 100.0 | 2.9 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N68378

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 0 | 136 | 2.8 | 0.7 | 95 | 1.9 | 1.0 |
| MONDAY | 437 | 887 | 18.1 | 2.0 | 731 | 14.9 | 1.3 |
| TUESDAY | 1,822 | 1,386 | 28.3 | 1.9 | 962 | 19.8 | 1.4 |
| WEDNESDAY | 480 | 834 | 17.0 | 1.2 | 1,088 | 22.2 | 1.6 |
| THURSDAY | 1,691 | 881 | 18.0 | 1.5 | 1,211 | 24.7 | 1.7 |
| FRIDAY | 456 | 614 | 12.6 | 1.2 | 698 | 14.3 | 1.3 |
| SATURDAY | 8 | 156 | 3.2 | 0.7 | 109 | 2.2 | 1.2 |
| TOTAL | 4,894 | 4,894 | 100.0 | 1.4 | 4,894 | 100.0 | 1.4 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 1

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 1,163 | 1,999 | 6.8 | 10.7 | 1,126 | 3.8 | 12.1 |
| MONDAY | 5,006 | 3,745 | 12.7 | 8.4 | 4,221 | 14.3 | 7.6 |
| TUESDAY | 5,817 | 6,337 | 21.5 | 8.8 | 5,428 | 18.4 | 7.7 |
| WEDNESDAY | 6,994 | 4,966 | 16.8 | 7.0 | 6,648 | 22.6 | 10.0 |
| THURSDAY | 5,711 | 6,089 | 20.7 | 10.1 | 6,264 | 21.2 | 8.8 |
| FRIDAY | 3,914 | 4,917 | 16.7 | 9.3 | 5,361 | 18.2 | 9.9 |
| SATURDAY | 804 | 1,424 | 4.8 | 6.8 | 433 | 1.5 | 4.7 |
| TOTAL | 29,409 | 29,477 | 100.0 | 8.7 | 29,484 | 100.0 | 8.6 |

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NAVAL POSTGRADUATE SCHOOL MONTEREY CA
PRE-CONSOLIDATION SUPPLY SUPPORT FOR NARF ALAMEDA AND NSC OAKLA--ETC(U)
SEP 80 B HRABOSKY, W A OWEN, R G POPP

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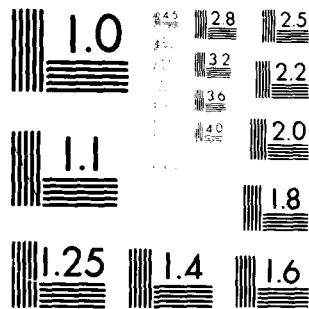
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MICROCOPY RESOLUTION TEST CHART
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APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 2

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 4,865 | 7,720 | 8.1 | 41.3 | 3,465 | 3.6 | 37.4 |
| MONDAY | 13,700 | 11,143 | 11.7 | 25.1 | 16,840 | 17.6 | 30.5 |
| TUESDAY | 17,600 | 17,132 | 17.9 | 23.9 | 16,638 | 17.4 | 23.6 |
| WEDNESDAY | 17,854 | 18,257 | 19.1 | 25.6 | 17,620 | 18.4 | 26.4 |
| THURSDAY | 18,085 | 16,542 | 17.3 | 27.5 | 19,546 | 20.4 | 27.4 |
| FRIDAY | 14,540 | 17,876 | 18.7 | 33.6 | 16,930 | 17.7 | 31.3 |
| SATURDAY | 8,996 | 6,880 | 7.2 | 32.9 | 4,719 | 4.9 | 51.0 |
| TOTAL | 95,640 | 95,550 | 100.0 | 28.1 | 95,758 | 100.0 | 28.1 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 3

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 3,822 | 2,847 | 4.3 | 15.2 | 1,339 | 2.0 | 14.4 |
| MONDAY | 11,526 | 6,287 | 9.5 | 14.1 | 10,172 | 15.4 | 18.4 |
| TUESDAY | 12,451 | 13,004 | 19.7 | 18.1 | 11,913 | 18.0 | 16.9 |
| WEDNESDAY | 14,177 | 13,826 | 20.9 | 19.4 | 15,092 | 22.8 | 22.6 |
| THURSDAY | 12,104 | 12,666 | 19.1 | 21.1 | 12,821 | 19.4 | 18.0 |
| FRIDAY | 11,168 | 12,013 | 18.1 | 22.6 | 13,244 | 20.0 | 24.5 |
| SATURDAY | 857 | 5,529 | 8.4 | 26.4 | 1,620 | 2.4 | 17.5 |
| TOTAL | 66,105 | 66,172 | 100.0 | 19.4 | 66,201 | 100.0 | 19.4 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 4

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 41 | 102 | 3.8 | 0.5 | 19 | 0.7 | 0.2 |
| MONDAY | 364 | 190 | 7.1 | 0.4 | 543 | 20.2 | 1.0 |
| TUESDAY | 557 | 607 | 22.7 | 0.8 | 478 | 17.8 | 0.7 |
| WEDNESDAY | 574 | 572 | 21.4 | 0.8 | 575 | 21.4 | 0.9 |
| THURSDAY | 602 | 288 | 10.8 | 0.5 | 503 | 18.6 | 0.7 |
| FRIDAY | 521 | 599 | 22.4 | 1.1 | 551 | 20.5 | 1.0 |
| SATURDAY | 34 | 314 | 11.8 | 1.5 | 22 | 0.8 | 0.2 |
| TOTAL | 2,693 | 2,672 | 100.0 | 0.8 | 2,691 | 100.0 | 0.8 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 5

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 442 | 721 | 3.6 | 3.9 | 651 | 3.2 | 7.0 |
| MONDAY | 3,226 | 2,031 | 10.0 | 4.6 | 3,493 | 17.3 | 6.3 |
| TUESDAY | 4,313 | 4,145 | 20.5 | 5.8 | 2,914 | 14.4 | 4.1 |
| WEDNESDAY | 3,878 | 4,015 | 19.8 | 5.6 | 3,991 | 19.7 | 6.0 |
| THURSDAY | 4,069 | 3,859 | 19.1 | 6.4 | 4,162 | 20.6 | 5.8 |
| FRIDAY | 3,642 | 3,781 | 18.7 | 7.1 | 4,096 | 20.2 | 7.6 |
| SATURDAY | 555 | 1,677 | 8.3 | 8.0 | 927 | 4.6 | 10.0 |
| TOTAL | 20,125 | 20,229 | 100.0 | 5.9 | 20,234 | 100.0 | 5.9 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 6

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 48 | 91 | 4.3 | 0.5 | 156 | 7.4 | 1.7 |
| MONDAY | 421 | 193 | 9.1 | 0.4 | 253 | 11.9 | 0.5 |
| TUESDAY | 462 | 402 | 19.0 | 0.6 | 305 | 14.4 | 0.4 |
| WEDNESDAY | 476 | 520 | 24.6 | 0.7 | 321 | 15.1 | 0.5 |
| THURSDAY | 367 | 403 | 19.1 | 0.7 | 652 | 30.8 | 0.9 |
| FRIDAY | 345 | 370 | 17.5 | 0.7 | 415 | 19.6 | 0.8 |
| SATURDAY | 2 | 135 | 6.4 | 0.6 | 17 | 0.8 | 0.2 |
| TOTAL | 2,121 | 2,114 | 100.0 | 0.6 | 2,119 | 100.0 | 0.6 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 7

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 3,623 | 1,125 | 4.7 | 6.0 | 434 | 1.8 | 4.7 |
| MONDAY | 3,024 | 3,473 | 14.6 | 7.8 | 3,546 | 15.0 | 6.4 |
| TUESDAY | 4,813 | 7,401 | 31.1 | 10.3 | 8,199 | 34.6 | 11.7 |
| WEDNESDAY | 2,753 | 3,474 | 14.6 | 4.9 | 4,495 | 19.0 | 6.7 |
| THURSDAY | 4,684 | 3,915 | 16.4 | 6.5 | 3,790 | 16.0 | 5.3 |
| FRIDAY | 2,556 | 3,014 | 12.6 | 5.7 | 2,978 | 12.6 | 5.5 |
| SATURDAY | 2,753 | 1,437 | 6.0 | 7.0 | 247 | 1.0 | 2.7 |
| TOTAL | 24,206 | 23,839 | 100.0 | 7.0 | 23,689 | 100.0 | 6.9 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 8

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 58 | 214 | 5.4 | 1.1 | 215 | 5.4 | 2.3 |
| MONDAY | 964 | 407 | 10.2 | 0.9 | 785 | 19.7 | 1.4 |
| TUESDAY | 739 | 660 | 16.6 | 0.9 | 532 | 13.4 | 0.8 |
| WEDNESDAY | 818 | 800 | 20.1 | 1.1 | 677 | 17.0 | 1.0 |
| THURSDAY | 753 | 970 | 24.5 | 1.6 | 827 | 20.8 | 1.2 |
| FRIDAY | 638. | 741 | 18.6 | 1.4 | 858 | 21.6 | 1.6 |
| SATURDAY | 27 | 184 | 4.6 | 0.9 | 82 | 2.1 | 0.9 |
| TOTAL | 3,997 | 3,976 | 100.0 | 1.2 | 3,976 | 100.0 | 1.2 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 9

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 13 | 79 | 7.4 | 0.4 | 186 | 17.5 | 2.0 |
| MONDAY | 191 | 176 | 16.6 | 0.4 | 209 | 19.7 | 0.4 |
| TUESDAY | 276 | 191 | 18.0 | 0.3 | 193 | 18.2 | 0.3 |
| WEDNESDAY | 209 | 182 | 17.2 | 0.3 | 171 | 16.1 | 0.3 |
| THURSDAY | 221 | 221 | 20.8 | 0.4 | 242 | 22.8 | 0.3 |
| FRIDAY | 133 | 122 | 11.5 | 0.2 | 50 | 4.7 | 0.1 |
| SATURDAY | 18 | 90 | 8.5 | 0.4 | 10 | 1.0 | 0.1 |
| TOTAL | 1,061 | 1,061 | 100.0 | 0.3 | 1,061 | 100.0 | 0.3 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 10

| DAY | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-----------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SUNDAY | 7,884 | 3,770 | 3.9 | 20.2 | 1,658 | 1.7 | 17.9 |
| MONDAY | 19,191 | 16,780 | 17.7 | 37.8 | 15,021 | 15.8 | 27.2 |
| TUESDAY | 18,740 | 21,692 | 22.9 | 30.3 | 23,618 | 24.8 | 33.6 |
| WEDNESDAY | 15,924 | 24,742 | 26.1 | 34.7 | 17,001 | 17.9 | 25.5 |
| THURSDAY | 13,382 | 14,954 | 15.8 | 24.9 | 22,426 | 23.6 | 31.4 |
| FRIDAY | 12,841 | 9,679 | 10.2 | 18.2 | 14,272 | 15.0 | 26.4 |
| SATURDAY | 7,036 | 3,207 | 3.4 | 15.3 | 1,161 | 1.2 | 12.6 |
| TOTAL | 94,998 | 94,824 | 100.0 | 27.9 | 95,157 | 100.0 | 27.9 |

APPENDIX V (con't.)

TABLE V - 2

ANALYSIS OF ALL LOCAL CUSTOMERS

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 32,154 | 21,373 | | 6.3 | 23,542 | | 6.9 |
| OCT | 29,941 | 29,815 | | 8.8 | 29,622 | | 8.7 |
| NOV | 27,017 | 29,621 | | 8.7 | 30,422 | | 8.9 |
| DEC | 33,568 | 31,216 | | 9.2 | 29,755 | | 8.8 |
| JAN | 33,709 | 30,104 | | 8.8 | 29,609 | | 8.7 |
| FEB | 29,521 | 34,330 | | 10.2 | 35,259 | | 10.3 |
| MAR | 30,523 | 32,267 | | 9.5 | 33,921 | | 9.9 |
| APR | 28,371 | 28,390 | | 8.3 | 28,203 | | 8.3 |
| MAY | 28,933 | 23,612 | | 6.9 | 25,404 | | 7.4 |
| JUN | 21,035 | 29,005 | | 8.5 | 27,016 | | 7.9 |
| JUL | 24,422 | 23,964 | | 7.0 | 19,212 | | 5.6 |
| AUG | 21,730 | 26,711 | | 7.8 | 29,418 | | 8.6 |
| TOTAL | 340,924 | 340,408 | | 100.0 | 341,383 | | 100.0 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N00221

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 4,014 | 3,361 | 8.0 | 15.7 | 3,491 | 8.3 | 14.8 |
| OCT | 3,021 | 3,120 | 7.4 | 10.5 | 3,079 | 7.4 | 10.4 |
| NOV | 3,367 | 3,333 | 8.0 | 11.3 | 3,310 | 7.9 | 10.9 |
| DEC | 3,493 | 3,563 | 8.5 | 11.4 | 3,534 | 8.4 | 11.9 |
| JAN | 4,163 | 3,879 | 9.3 | 12.9 | 3,740 | 8.9 | 12.6 |
| FEB | 4,144 | 3,819 | 9.1 | 11.1 | 3,899 | 9.3 | 11.1 |
| MAR | 4,816 | 5,185 | 12.4 | 16.1 | 5,360 | 12.8 | 15.8 |
| APR | 4,086 | 4,304 | 10.3 | 15.2 | 4,201 | 10.0 | 14.9 |
| MAY | 3,264 | 3,178 | 7.6 | 13.5 | 3,311 | 7.9 | 13.0 |
| JUN | 2,575 | 2,847 | 6.8 | 9.8 | 2,760 | 6.6 | 10.2 |
| JUL | 2,511 | 2,533 | 6.0 | 10.6 | 2,439 | 5.8 | 12.7 |
| AUG | 2,451 | 2,783 | 6.6 | 10.4 | 2,781 | 6.7 | 9.5 |
| TOTAL | 41,905 | 41,905 | 100.0 | 12.3 | 41,905 | 100.0 | 12.3 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N65885

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 2,068 | 1,819 | 6.9 | 8.5 | 2,051 | 7.7 | 8.7 |
| OCT | 1,981 | 2,050 | 7.7 | 6.9 | 2,062 | 7.8 | 7.0 |
| NOV | 1,958 | 1,945 | 7.3 | 6.6 | 1,837 | 6.9 | 6.0 |
| DEC | 1,322 | 1,501 | 5.6 | 4.8 | 1,578 | 6.0 | 5.3 |
| JAN | 2,249 | 1,924 | 7.3 | 6.4 | 1,829 | 6.9 | 6.2 |
| FEB | 2,217 | 1,737 | 6.6 | 5.1 | 1,857 | 7.0 | 5.3 |
| MAR | 2,863 | 3,251 | 12.3 | 10.1 | 3,168 | 12.0 | 9.3 |
| APR | 2,580 | 2,361 | 8.9 | 8.3 | 2,270 | 8.6 | 8.0 |
| MAY | 2,801 | 1,939 | 7.3 | 8.2 | 2,148 | 8.1 | 8.5 |
| JUN | 2,368 | 3,339 | 12.6 | 11.5 | 3,051 | 11.5 | 11.3 |
| JUL | 2,003 | 2,032 | 7.7 | 8.5 | 2,163 | 8.2 | 11.3 |
| AUG | 2,081 | 2,593 | 9.8 | 9.7 | 2,477 | 9.3 | 8.4 |
| TOTAL | 26,491 | 26,491 | 100.0 | 7.8 | 26,491 | 100.0 | 7.8 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N03365

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 3,207 | 2,291 | 9.0 | 15.0 | 2,297 | 9.0 | 9.8 |
| OCT | 2,372 | 2,143 | 8.4 | 7.2 | 2,049 | 8.1 | 6.9 |
| NOV | 2,973 | 3,187 | 12.5 | 10.8 | 2,881 | 11.3 | 9.5 |
| DEC | 3,400 | 3,304 | 13.0 | 10.6 | 2,666 | 10.5 | 9.0 |
| JAN | 3,139 | 2,778 | 10.9 | 9.2 | 2,894 | 11.4 | 9.8 |
| FEB | 3,501 | 3,585 | 14.1 | 10.4 | 3,854 | 15.1 | 10.9 |
| MAR | 2,123 | 2,744 | 10.8 | 8.5 | 3,190 | 12.5 | 9.4 |
| APR | 1,160 | 1,003 | 3.9 | 3.5 | 1,440 | 5.7 | 5.1 |
| MAY | 829 | 1,172 | 4.6 | 5.0 | 1,156 | 4.5 | 4.6 |
| JUN | 611 | 961 | 3.8 | 3.3 | 980 | 3.9 | 3.6 |
| JUL | 1,284 | 1,194 | 4.7 | 5.0 | 1,024 | 4.0 | 5.3 |
| AUG | 861 | 1,082 | 4.3 | 4.1 | 1,014 | 4.0 | 3.4 |
| TOTAL | 25,410 | 25,444 | 100.0 | 7.5 | 25,445 | 100.0 | 7.5 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N00236

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 1,142 | 966 | 4.6 | 4.5 | 950 | 4.5 | 4.0 |
| OCT | 1,820 | 1,688 | 8.1 | 5.7 | 1,625 | 7.8 | 5.5 |
| NOV | 1,913 | 1,868 | 9.0 | 6.3 | 1,922 | 9.2 | 6.3 |
| DEC | 449 | 590 | 2.8 | 1.9 | 707 | 3.4 | 2.4 |
| JAN | 2,196 | 1,717 | 8.2 | 5.7 | 1,675 | 8.0 | 5.7 |
| FEB | 1,998 | 2,050 | 9.8 | 6.0 | 1,994 | 9.6 | 5.7 |
| MAR | 2,259 | 2,305 | 11.1 | 7.1 | 2,250 | 10.8 | 6.6 |
| APR | 1,697 | 1,821 | 8.7 | 6.4 | 1,883 | 9.0 | 6.7 |
| MAY | 2,729 | 1,527 | 7.3 | 6.5 | 1,483 | 7.1 | 5.8 |
| JUN | 1,811 | 3,076 | 14.9 | 10.6 | 2,412 | 11.6 | 8.9 |
| JUL | 1,450 | 1,548 | 7.4 | 6.5 | 1,899 | 9.1 | 9.9 |
| AUG | 1,392 | 1,685 | 8.1 | 6.3 | 2,059 | 9.9 | 7.0 |
| TOTAL | 20,856 | 20,841 | 100.0 | 6.1 | 20,859 | 100.0 | 6.1 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N08809

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 5,311 | 257 | 1.3 | 1.2 | 237 | 1.2 | 1.0 |
| OCT | 2,106 | 6,707 | 35.1 | 22.5 | 5,122 | 26.8 | 17.3 |
| NOV | 1,235 | 732 | 3.8 | 2.5 | 2,397 | 12.5 | 7.9 |
| DEC | 504 | 1,063 | 5.6 | 3.4 | 969 | 5.1 | 3.3 |
| JAN | 1,331 | 582 | 3.0 | 1.9 | 590 | 3.1 | 2.0 |
| FEB | 1,120 | 1,647 | 8.6 | 4.8 | 1,452 | 7.6 | 4.1 |
| MAR | 1,022 | 843 | 4.4 | 2.6 | 1,075 | 5.6 | 3.2 |
| APR | 705 | 821 | 4.3 | 2.9 | 902 | 4.7 | 3.2 |
| MAY | 2,879 | 2,280 | 11.9 | 9.7 | 2,218 | 11.6 | 8.7 |
| JUN | 697 | 1,771 | 9.3 | 6.1 | 1,693 | 8.9 | 6.3 |
| JUL | 1,118 | 1,100 | 5.8 | 4.6 | 597 | 3.1 | 3.1 |
| AUG | 1,091 | 1,316 | 6.9 | 4.9 | 1,867 | 9.8 | 6.3 |
| TOTAL | 19,119 | 19,119 | 100.0 | 5.6 | 19,119 | 100.0 | 5.6 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N00228

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 2,746 | 1,418 | 6.6 | 6.6 | 1,219 | 5.7 | 5.2 |
| OCT | 1,691 | 1,904 | 8.9 | 6.4 | 1,987 | 9.2 | 6.7 |
| NOV | 2,614 | 2,503 | 11.7 | 8.5 | 2,173 | 10.1 | 7.1 |
| DEC | 1,602 | 1,973 | 9.2 | 6.3 | 1,946 | 9.1 | 6.5 |
| JAN | 2,169 | 2,267 | 10.5 | 7.5 | 2,180 | 10.1 | 7.4 |
| FEB | 1,607 | 1,730 | 8.0 | 5.0 | 1,883 | 8.8 | 5.3 |
| MAR | 1,958 | 2,139 | 9.9 | 6.6 | 1,990 | 9.3 | 5.9 |
| APR | 2,133 | 1,687 | 7.8 | 7.5 | 1,807 | 8.4 | 6.4 |
| MAY | 1,152 | 1,341 | 6.3 | 5.7 | 1,626 | 7.6 | 6.4 |
| JUN | 1,468 | 1,565 | 7.3 | 5.4 | 1,406 | 6.5 | 5.2 |
| JUL | 1,448 | 1,574 | 7.3 | 6.6 | 1,515 | 7.0 | 7.9 |
| AUG | 931 | 1,398 | 6.5 | 5.2 | 1,771 | 8.2 | 6.0 |
| TOTAL | 21,519 | 21,499 | 100.0 | 6.3 | 21,503 | 100.0 | 6.3 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N00296

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 1,058 | 1,078 | 6.8 | 5.0 | 1,066 | 6.7 | 4.5 |
| OCT | 1,355 | 1,152 | 7.2 | 3.9 | 1,297 | 8.2 | 4.4 |
| NOV | 1,335 | 1,412 | 8.9 | 4.8 | 1,374 | 8.6 | 4.5 |
| DEC | 1,146 | 1,163 | 7.3 | 3.7 | 1,090 | 6.9 | 3.7 |
| JAN | 1,288 | 1,208 | 7.6 | 4.0 | 1,259 | 7.9 | 4.3 |
| FEB | 1,318 | 1,362 | 8.6 | 4.0 | 1,356 | 8.5 | 3.8 |
| MAR | 1,514 | 1,492 | 9.4 | 4.6 | 1,453 | 9.2 | 4.3 |
| APR | 1,555 | 1,593 | 10.0 | 5.6 | 1,562 | 9.8 | 5.5 |
| MAY | 1,349 | 1,331 | 8.4 | 5.6 | 1,358 | 8.5 | 5.3 |
| JUN | 1,321 | 1,292 | 8.1 | 4.5 | 1,177 | 7.4 | 4.4 |
| JUL | 1,394 | 1,462 | 9.2 | 6.1 | 1,549 | 9.7 | 8.1 |
| AUG | 1,174 | 1,355 | 8.5 | 5.1 | 1,362 | 8.6 | 4.6 |
| TOTAL | 15,807 | 15,900 | 100.0 | 4.7 | 15,903 | 100.0 | 4.7 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N05834

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 780 | 751 | 6.2 | 3.5 | 647 | 5.3 | 2.7 |
| OCT | 1,454 | 1,445 | 11.8 | 4.8 | 1,197 | 9.8 | 4.0 |
| NOV | 112 | 98 | 0.8 | 0.3 | 482 | 3.9 | 1.6 |
| DEC | 439 | 247 | 2.0 | 0.8 | 252 | 2.1 | 0.8 |
| JAN | 3,579 | 157 | 1.3 | 0.5 | 119 | 1.0 | 0.4 |
| FEB | 248 | 3,648 | 29.9 | 10.6 | 3,650 | 29.9 | 10.4 |
| MAR | 967 | 956 | 7.8 | 3.0 | 905 | 7.4 | 2.7 |
| APR | 267 | 304 | 2.5 | 1.1 | 393 | 3.2 | 1.4 |
| MAY | 3,080 | 420 | 3.4 | 1.8 | 374 | 3.0 | 1.5 |
| JUN | 161 | 2,925 | 23.9 | 10.1 | 2,923 | 23.9 | 10.8 |
| JUL | 607 | 664 | 5.4 | 2.8 | 481 | 3.9 | 2.5 |
| AUG | 522 | 610 | 5.0 | 2.3 | 802 | 6.6 | 2.7 |
| TOTAL | 12,225 | 12,225 | 100.0 | 3.6 | 12,225 | 100.0 | 3.6 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N05831

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 372 | 335 | 2.9 | 1.6 | 314 | 2.7 | 1.3 |
| OCT | 418 | 316 | 2.7 | 1.1 | 296 | 2.5 | 1.0 |
| NOV | 148 | 259 | 2.2 | 0.9 | 285 | 2.5 | 0.9 |
| DEC | 9,089 | 5,911 | 50.7 | 18.9 | 5,865 | 50.3 | 19.7 |
| JAN | 376 | 3,258 | 28.0 | 10.8 | 3,244 | 27.8 | 11.0 |
| FEB | 355 | 462 | 4.0 | 1.3 | 372 | 3.2 | 1.1 |
| MAR | 557 | 628 | 5.4 | 1.9 | 780 | 6.7 | 2.3 |
| APR | 76 | 132 | 1.1 | 0.5 | 106 | 0.9 | 0.4 |
| MAY | 97 | 124 | 1.1 | 0.5 | 128 | 1.1 | 0.5 |
| JUN | 80 | 75 | 0.6 | 0.3 | 89 | 0.8 | 0.3 |
| JUL | 56 | 107 | 0.9 | 0.4 | 113 | 1.0 | 0.6 |
| AUG | 21 | 43 | 0.4 | 0.2 | 57 | 0.5 | 0.2 |
| TOTAL | 11,645 | 11,650 | 100.0 | 3.4 | 11,649 | 100.0 | 3.4 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N03343

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 2,063 | 1,920 | 19.8 | 9.0 | 862 | 8.8 | 3.7 |
| OCT | 672 | 716 | 7.4 | 2.4 | 1,684 | 17.3 | 5.7 |
| NOV | 889 | 883 | 9.1 | 3.0 | 844 | 8.7 | 2.8 |
| DEC | 2,674 | 2,551 | 26.3 | 8.2 | 1,592 | 16.3 | 5.4 |
| JAN | 769 | 695 | 7.2 | 2.3 | 1,579 | 16.2 | 5.3 |
| FEB | 1,234 | 1,289 | 13.3 | 3.8 | 1,180 | 12.1 | 3.3 |
| MAR | 216 | 243 | 2.5 | 0.8 | 602 | 6.2 | 1.8 |
| APR | 432 | 497 | 5.1 | 1.8 | 438 | 4.5 | 1.6 |
| MAY | 215 | 282 | 2.9 | 1.2 | 342 | 3.5 | 1.3 |
| JUN | 145 | 169 | 1.7 | 0.6 | 182 | 1.9 | 0.7 |
| JUL | 170 | 209 | 2.2 | 0.9 | 208 | 2.1 | 1.1 |
| AUG | 187 | 240 | 2.5 | 0.9 | 237 | 2.4 | 0.8 |
| TOTAL | 9,666 | 9,694 | 100.0 | 2.8 | 9,750 | 100.0 | 2.9 |

APPENDIX V (con't.)

ANALYSIS OF UIC: N68378

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 308 | 236 | 4.8 | 1.1 | 272 | 5.5 | 1.2 |
| OCT | 283 | 234 | 4.8 | 0.8 | 231 | 4.7 | 0.8 |
| NOV | 314 | 383 | 7.8 | 1.3 | 377 | 7.7 | 1.2 |
| DEC | 290 | 223 | 4.6 | 0.7 | 208 | 4.3 | 0.7 |
| JAN | 401 | 401 | 8.2 | 1.3 | 375 | 7.7 | 1.3 |
| FEB | 349 | 332 | 6.8 | 1.0 | 370 | 7.6 | 1.0 |
| MAR | 550 | 532 | 10.9 | 1.6 | 503 | 10.2 | 1.5 |
| APR | 442 | 482 | 9.8 | 1.7 | 491 | 10.0 | 1.7 |
| MAY | 503 | 515 | 10.5 | 2.2 | 514 | 10.5 | 2.0 |
| JUN | 579 | 551 | 11.3 | 1.9 | 507 | 10.4 | 1.9 |
| JUL | 394 | 411 | 8.4 | 1.7 | 459 | 9.4 | 2.4 |
| AUG | 481 | 594 | 12.1 | 2.2 | 587 | 12.0 | 2.0 |
| TOTAL | 4,894 | 4,894 | 100.0 | 1.4 | 4,894 | 100.0 | 1.4 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 1

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 3,424 | 1,977 | 6.7 | 9.2 | 2,812 | 9.6 | 11.9 |
| OCT | 2,148 | 2,336 | 7.9 | 7.8 | 2,418 | 8.2 | 8.2 |
| NOV | 3,182 | 3,149 | 10.7 | 10.6 | 2,701 | 9.2 | 8.9 |
| DEC | 2,160 | 2,474 | 8.4 | 7.9 | 2,601 | 8.8 | 8.7 |
| JAN | 2,806 | 2,915 | 9.9 | 9.7 | 2,399 | 8.2 | 8.1 |
| FEB | 2,117 | 2,222 | 7.6 | 6.5 | 2,125 | 7.2 | 6.0 |
| MAR | 2,709 | 2,876 | 9.8 | 8.9 | 2,203 | 7.5 | 6.5 |
| APR | 2,900 | 2,481 | 8.4 | 8.7 | 2,668 | 9.1 | 9.5 |
| MAY | 1,890 | 2,103 | 7.2 | 8.9 | 1,831 | 6.2 | 7.2 |
| JUN | 2,265 | 2,330 | 7.9 | 8.0 | 2,412 | 8.2 | 8.9 |
| JUL | 2,084 | 2,214 | 7.6 | 9.2 | 2,785 | 9.5 | 14.5 |
| AUG | 1,724 | 2,312 | 7.9 | 8.7 | 2,438 | 8.3 | 8.3 |
| TOTAL | 29,409 | 29,389 | 100.0 | 8.6 | 29,393 | 100.0 | 8.6 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 2

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 9,841 | 8,058 | 8.5 | 37.8 | 10,650 | 11.1 | 45.2 |
| OCT | 7,891 | 7,481 | 7.8 | 25.1 | 7,420 | 7.7 | 25.0 |
| NOV | 8,652 | 8,906 | 9.3 | 30.1 | 6,190 | 6.5 | 20.3 |
| DEC | 8,975 | 9,056 | 9.5 | 29.0 | 7,813 | 8.2 | 26.3 |
| JAN | 9,450 | 8,279 | 8.7 | 27.3 | 6,089 | 6.4 | 20.6 |
| FEB | 9,870 | 9,521 | 10.0 | 27.7 | 6,789 | 7.0 | 19.3 |
| MAR | 9,114 | 10,140 | 10.6 | 31.4 | 7,290 | 7.6 | 21.5 |
| APR | 6,932 | 6,917 | 7.2 | 24.4 | 8,483 | 8.9 | 30.1 |
| MAY | 7,773 | 5,893 | 6.2 | 25.0 | 8,421 | 8.8 | 33.1 |
| JUN | 6,185 | 9,018 | 9.4 | 31.1 | 7,599 | 7.9 | 28.1 |
| JUL | 5,756 | 5,739 | 6.0 | 23.9 | 9,178 | 9.6 | 47.8 |
| AUG | 5,201 | 6,515 | 6.8 | 24.4 | 9,836 | 10.3 | 33.4 |
| TOTAL | 95,159 | 95,550 | 100.0 | 28.1 | 95,758 | 100.0 | 28.1 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 3

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 5,216 | 4,333 | 6.6 | 20.3 | 4,569 | 6.9 | 19.4 |
| OCT | 4,840 | 4,874 | 7.4 | 16.3 | 4,764 | 7.2 | 16.8 |
| NOV | 5,016 | 5,098 | 7.7 | 17.2 | 4,832 | 7.3 | 15.9 |
| DEC | 5,126 | 4,726 | 7.1 | 15.1 | 4,984 | 7.5 | 16.8 |
| JAN | 5,828 | 5,816 | 8.8 | 19.3 | 5,588 | 8.4 | 18.9 |
| FEB | 7,024 | 6,632 | 10.0 | 19.3 | 6,224 | 9.4 | 17.7 |
| MAR | 6,925 | 7,267 | 11.0 | 22.5 | 7,897 | 11.9 | 23.3 |
| APR | 5,905 | 6,118 | 9.3 | 21.5 | 6,057 | 9.2 | 21.5 |
| MAY | 5,260 | 5,107 | 7.7 | 21.6 | 5,369 | 8.1 | 21.1 |
| JUN | 4,278 | 4,925 | 7.4 | 17.0 | 4,750 | 7.2 | 17.6 |
| JUL | 6,783 | 5,962 | 9.0 | 24.9 | 3,905 | 5.9 | 20.3 |
| AUG | 3,904 | 5,314 | 8.0 | 19.9 | 7,262 | 11.0 | 24.7 |
| TOTAL | 66,105 | 66,172 | 100.0 | 19.4 | 66,201 | 100.0 | 19.4 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 4

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 199 | 113 | 4.2 | 0.5 | 173 | 6.4 | 0.7 |
| OCT | 190 | 201 | 7.5 | 0.7 | 153 | 5.7 | 0.5 |
| NOV | 215 | 212 | 7.9 | 0.7 | 197 | 7.3 | 0.6 |
| DEC | 171 | 168 | 6.3 | 0.5 | 244 | 9.0 | 0.8 |
| JAN | 277 | 157 | 5.9 | 0.5 | 151 | 5.6 | 0.5 |
| FEB | 218 | 343 | 12.8 | 1.0 | 292 | 10.9 | 0.8 |
| MAR | 294 | 310 | 11.6 | 1.0 | 305 | 11.3 | 0.9 |
| APR | 289 | 277 | 10.4 | 1.0 | 252 | 9.4 | 0.9 |
| MAY | 205 | 197 | 7.4 | 0.8 | 233 | 8.7 | 0.9 |
| JUN | 201 | 200 | 7.5 | 6.9 | 188 | 7.0 | 0.7 |
| JUL | 256 | 261 | 9.8 | 1.1 | 282 | 10.5 | 1.5 |
| AUG | 178 | 233 | 8.7 | 0.9 | 221 | 8.2 | 0.8 |
| TOTAL | 2,693 | 2,672 | 100.0 | 0.8 | 2,691 | 100.0 | 0.8 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 5

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 1,320 | 1,324 | 6.5 | 6.2 | 1,300 | 6.4 | 5.5 |
| OCT | 1,662 | 1,400 | 6.9 | 4.7 | 1,566 | 7.7 | 5.3 |
| NOV | 1,714 | 1,788 | 8.8 | 6.0 | 1,722 | 8.5 | 5.7 |
| DEC | 1,544 | 1,599 | 7.9 | 5.4 | 1,468 | 7.3 | 4.9 |
| JAN | 1,606 | 1,511 | 7.5 | 5.0 | 1,653 | 8.2 | 5.6 |
| FEB | 1,813 | 1,827 | 9.0 | 5.3 | 1,730 | 8.6 | 4.9 |
| MAR | 2,011 | 2,002 | 9.9 | 6.2 | 2,048 | 10.1 | 6.0 |
| APR | 2,015 | 2,058 | 10.2 | 7.2 | 2,026 | 10.0 | 7.2 |
| MAY | 1,637 | 1,622 | 8.0 | 6.9 | 1,653 | 8.2 | 6.5 |
| JUN | 1,647 | 1,670 | 8.3 | 5.8 | 1,462 | 7.2 | 5.8 |
| JUL | 1,718 | 1,696 | 8.4 | 7.1 | 1,865 | 9.2 | 6.9 |
| AUG | 1,438 | 1,732 | 8.6 | 6.5 | 1,741 | 8.6 | 5.9 |
| TOTAL | 20,125 | 20,229 | 100.0 | 5.9 | 20,234 | 100.0 | 5.9 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 6

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 162 | 83 | 3.9 | 0.4 | 142 | 6.7 | 0.6 |
| OCT | 169 | 147 | 6.9 | 0.5 | 166 | 7.8 | 0.6 |
| NOV | 137 | 168 | 7.9 | 0.6 | 107 | 5.0 | 0.4 |
| DEC | 105 | 152 | 7.2 | 0.5 | 147 | 6.9 | 0.5 |
| JAN | 145 | 128 | 6.1 | 0.4 | 156 | 7.4 | 0.5 |
| FEB | 159 | 166 | 7.9 | 0.5 | 175 | 8.3 | 0.5 |
| MAR | 229 | 214 | 10.1 | 0.7 | 195 | 9.2 | 0.6 |
| APR | 226 | 248 | 11.7 | 0.9 | 271 | 12.8 | 1.0 |
| MAY | 226 | 217 | 10.3 | 0.9 | 173 | 8.2 | 0.7 |
| JUN | 171 | 180 | 8.5 | 0.6 | 203 | 9.6 | 0.8 |
| JUL | 166 | 166 | 7.9 | 0.7 | 147 | 6.9 | 0.8 |
| AUG | 226 | 245 | 11.6 | 0.9 | 237 | 11.2 | 0.8 |
| TOTAL | 2,121 | 2,114 | 100.0 | 0.6 | 2,119 | 100.0 | 0.6 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 7

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 2,270 | 1,593 | 6.5 | 7.5 | 1,894 | 7.7 | 8.0 |
| OCT | 3,943 | 1,465 | 6.0 | 4.9 | 1,733 | 7.0 | 5.9 |
| NOV | 1,261 | 3,631 | 14.9 | 12.3 | 3,813 | 15.4 | 12.5 |
| DEC | 1,051 | 1,134 | 4.6 | 3.6 | 1,165 | 4.7 | 3.9 |
| JAN | 1,768 | 1,690 | 6.9 | 5.6 | 1,467 | 5.9 | 5.0 |
| FEB | 1,418 | 1,236 | 5.1 | 3.6 | 1,461 | 5.9 | 4.1 |
| MAR | 2,233 | 2,346 | 9.6 | 7.3 | 2,204 | 8.9 | 6.5 |
| APR | 4,911 | 5,000 | 20.5 | 17.6 | 4,370 | 17.6 | 15.5 |
| MAY | 1,688 | 1,507 | 6.2 | 6.4 | 2,215 | 8.9 | 8.7 |
| JUN | 1,098 | 1,435 | 5.9 | 4.9 | 1,483 | 6.0 | 5.5 |
| JUL | 1,601 | 1,601 | 6.6 | 6.7 | 873 | 3.5 | 4.5 |
| AUG | 1,533 | 1,762 | 7.2 | 6.6 | 2,094 | 8.5 | 7.1 |
| TOTAL | 24,775 | 24,400 | 100.0 | 7.2 | 24,772 | 100.0 | 7.3 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 8

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 290 | 251 | 6.3 | 1.1 | 325 | 8.1 | 1.4 |
| OCT | 374 | 358 | 8.9 | 1.2 | 322 | 8.1 | 1.1 |
| NOV | 389 | 340 | 8.5 | 1.1 | 303 | 7.6 | 1.0 |
| DEC | 289 | 350 | 8.8 | 1.1 | 369 | 9.2 | 1.2 |
| JAN | 351 | 326 | 8.2 | 1.1 | 333 | 8.3 | 1.1 |
| FEB | 444 | 444 | 11.1 | 1.3 | 405 | 10.1 | 1.1 |
| MAR | 392 | 439 | 11.0 | 1.4 | 481 | 12.0 | 1.4 |
| APR | 245 | 250 | 6.3 | 0.9 | 315 | 7.9 | 1.1 |
| MAY | 437 | 428 | 10.7 | 1.8 | 379 | 9.5 | 1.5 |
| JUN | 274 | 279 | 6.9 | 1.0 | 299 | 7.5 | 1.1 |
| JUL | 283 | 267 | 6.7 | 1.1 | 211 | 5.3 | 1.1 |
| AUG | 229 | 265 | 6.6 | 1.0 | 255 | 6.4 | 0.9 |
| TOTAL | 3,997 | 3,997 | 100.0 | 1.2 | 3,997 | 100.0 | 1.2 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 9

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 22 | 19 | 1.8 | 0.1 | 21 | 2.0 | 0.1 |
| OCT | 74 | 38 | 3.6 | 0.1 | 36 | 3.4 | 0.1 |
| NOV | 101 | 101 | 9.5 | 0.3 | 99 | 9.3 | 0.3 |
| DEC | 92 | 120 | 11.3 | 0.4 | 94 | 8.8 | 0.3 |
| JAN | 115 | 92 | 8.7 | 0.3 | 110 | 10.4 | 0.4 |
| FEB | 79 | 88 | 8.3 | 0.3 | 97 | 9.1 | 0.3 |
| MAR | 170 | 139 | 13.1 | 0.4 | 129 | 12.2 | 0.4 |
| APR | 112 | 130 | 12.2 | 0.5 | 128 | 12.1 | 0.5 |
| MAY | 78 | 88 | 8.3 | 0.4 | 87 | 8.2 | 0.3 |
| JUN | 101 | 93 | 8.8 | 0.3 | 92 | 8.7 | 0.3 |
| JUL | 61 | 47 | 4.4 | 0.2 | 59 | 5.5 | 0.3 |
| AUG | 56 | 106 | 10.0 | 0.4 | 109 | 10.3 | 0.4 |
| TOTAL | 1,061 | 1,061 | 100.0 | 0.3 | 1,061 | 100.0 | 0.3 |

APPENDIX V (con't.)

ANALYSIS OF: CLUSTER 10

| MONTH | PREPARED | RECEIVED NSC | %ACTIVITY TOTAL | %NSC TOTAL | SHIPPED | %ACTIVITY TOTAL | %NSC TOTAL |
|-------|----------|-----------------|--------------------|---------------|---------|--------------------|---------------|
| SEPT | 9,410 | 3,595 | 3.8 | 16.8 | 6,013 | 6.3 | 25.5 |
| OCT | 8,650 | 11,515 | 12.1 | 38.6 | 9,928 | 10.4 | 33.5 |
| NOV | 6,350 | 6,228 | 6.6 | 21.0 | 8,535 | 9.0 | 28.1 |
| DEC | 14,055 | 11,437 | 12.0 | 36.6 | 11,403 | 12.0 | 38.3 |
| JAN | 11,363 | 9,190 | 9.7 | 30.5 | 7,862 | 8.2 | 26.6 |
| FEB | 6,379 | 11,851 | 12.5 | 34.5 | 11,533 | 12.1 | 32.7 |
| MAR | 6,446 | 6,534 | 6.9 | 20.2 | 7,295 | 7.7 | 21.5 |
| APR | 4,836 | 4,911 | 5.2 | 17.3 | 4,822 | 5.1 | 17.1 |
| MAY | 9,739 | 6,450 | 6.8 | 27.3 | 6,314 | 6.6 | 24.9 |
| JUN | 4,815 | 8,875 | 9.4 | 30.6 | 8,445 | 8.9 | 31.3 |
| JUL | 5,714 | 6,011 | 6.3 | 25.1 | 3,877 | 4.1 | 20.2 |
| AUG | 7,241 | 8,227 | 8.7 | 30.8 | 9,130 | 9.6 | 31.0 |
| TOTAL | 94,998 | 94,824 | 100.0 | 27.9 | 95,197 | 100.0 | 27.9 |

EXPLANATION OF COLUMN HEADINGS

| | |
|------------------------------------|---|
| DAY/MONTH | Self-explanatory |
| PREPARED | Quantity of 'BA' requisitions prepared by the originator each day/month |
| RECEIVED NSC | Quantity of 'BA' requisitions received at NSC Oakland each day/month |
| PERCENTAGE OF ACTIVITY TOTAL | Total 'BA' requisitions received that day/month as a percentage of total activity 'BA' requisitions received |
| PERCENTAGE OF NSC TOTAL | Total 'BA' requisitions received that day/month as a percentage of total 'BA' requisitions received that day/month from all customers |
| SHIPPED | Quantity of 'BA' requisitions shipped that day/month by NSC each day/month |
| PERCENTAGE OF ACTIVITY TOTAL | Total 'BA' requisitions shipped that day/month as a percentage of total activity 'BA' requisitions shipped |
| PERCENTAGE OF NSC TOTAL | Total 'BA' requisitions shipped that day/month as a percentage of total 'BA' requisition shipped that day/month to all customers |

APPENDIX W

RANGE AND DEPTH RULES FOR DEMAND BASED MATERIAL AT SELECTED NAVAL ACTIVITIES

TABLE W - 1

RANGE RULES FOR DEMAND BASED MATERIAL AT NAVY ACTIVITIES

| | <u>ASHORE</u> | <u>AFLOAT</u> |
|------------------------------------|-------------------|-------------------|
| NAVY RETAIL MATERIAL | | |
| Stocking Criteria | | |
| Demands (minimum) | 4 | 2 |
| Time Period (months) | 6 | 6 |
| Replenishment Criteria | | |
| Demands (minimum) | 3 | 1 |
| Time Period (months) | 6 | 6 |
| ASO MANAGED MATERIAL | | |
| Stocking Criteria-Consumables | | |
| Demands (minimum) | 3 | BASED ON AVCAL |
| Time Period (months) | 6 | |
| Replenishment Criteria-Consumables | | |
| Demands (minimum) | 1 | -- |
| Time Period (months) | 6 | -- |
| Stocking Criteria-Repairables | BASED ON AVCAL | BASED ON AVCAL |
| SPCC MANAGED MATERIAL | | |
| Stocking Criteria | | |
| Demands (minimum) | 3 | 2 |
| Time Period (months) | 6 | 6 |
| Replenishment Criteria | | |
| Demands (minimum) | 1 | 1 |
| Time Period (months) | 12 | 6 |

| TABLE W - 2 | | | | | | | |
|---|-----------|-----------|------------|-------------|------------|-----------|-----------|
| DEPTH RULES FOR CONUS NON-TIR SHORE ACTIVITIES (Expressed in Months of Supply) | | | | | | | |
| <u>TYPE MATERIAL</u> | <u>OL</u> | <u>SL</u> | <u>AIL</u> | <u>OSTL</u> | <u>ROP</u> | <u>RO</u> | <u>RL</u> |
| Retail Items | 2 | 1 | 2½ | 1 | 2 | 5 | RO+36 |
| SPCC Items | 3 | 1 | 2 | 1 | 2 | 4 | RO+36 |
| ASO Items | | | | | | | |
| Consumables | - | - | - | - | - | 4 | RO |
| Repairables | - | - | - | - | - | 2 | RO |

OL - OPERATING LEVEL

SL - SAFETY LEVEL

AIL- AVERAGE INVESTMENTS LEVEL

ROP- REORDER POINT

RO - REQUISITIONING OBJECTIVE

RL - RETENTION LEVEL

TABLE W - 3

DEPTH RULES - EXCEPT PACIFIC ACTIVITIES 1/
 SEKVMARTS 2/, READY SUPPLY STORES, NON-NIF SHOP STORES (SACS 203 & 260)
 (Expressed in Months of Supply)

| TYPE MATERIAL | OL | SL | AIL | OSTL | ROP | RO | RL |
|---|----|----|-----|------|-----------|----|----|
| All types, RSS/SS within 25 miles of resupply source | 2 | 0 | 1 | 0 | <u>3/</u> | 2 | 2 |
| All types, RSS/SS in CONUS over 25 miles from resupply source | 2 | 0 | 1 | 1 | 1 | 3 | 3 |
| All types, RSS/SS overseas over 25 miles from resupply source | 2 | 1 | 2 | 1 | 2 | 4 | 4 |

1/ If levels are not backed up in main supply, levels equal to that authorized for main supply may be maintained.

2/ SEKVMARTS are authorized a one month average inventory on-hand (two months if backup in main supply is over 25 miles). Levels may be increased if main supply levels are decreased accordingly.

3/ No OSTL for stores within 25 miles of resupply source; however, activities should establish ROPs based on actual experience.

TABLE W - 4

NON-SUADPS SHIPBOARD STOCK LEVELS
(Expressed in Days of Supply)

Spares, Repair Parts and Equipment Related Consumables

| SHIP TYPE | SL | OL | RO | |
|--------------------------------|----|----|---------------|--|
| | | | FILL ITEMS | NON-FILL _{2/} ITEMS AIRWORTHY ITEMS |
| All, self-sustaining <u>1/</u> | 60 | 30 | 120 | 180 120 |

Non-self-sustaining 1/ As required to accomplish assigned mission.

1/ Self-sustaining is defined to be at least 1,000 tons displacement.

2/ The Order and Ship Time (OST) for non-FILL items is set at 90 days or actual experience, whichever is less.

TABLE W - 5

NON-SUADPS SHIPBOARD STOCK LEVELS
(Expressed in Days of Supply)

Non-Equipment Related Consumables

| <u>SHIP TYPE</u> | <u>SL</u> | <u>OL</u> | <u>RO</u> | | |
|---|-----------|-----------|---|---|----------------------------------|
| | | | <u>FILL</u> <u>ITEMS</u> | <u>NON-FILL</u> <u>ITEMS</u> ^{2/} | <u>AIRWORTHY</u> <u>ITEMS</u> |
| Cruisers/Large DD Types | 30 | 30 | 90 | 150 | 90 |
| Small DD Types/FF/and Other Smaller self- sustaining ship types ^{1/} | 15 | 30 | 75 | 135 | 75 |
| Submarines | 60 | 30 | 120 | 180 | 120 |
| Amphibious (except LPH) | | | | | |
| Ship Complement | 45 | 30 | 105 | 165 | 105 |
| Embarked Troops | 30 | 30 | 90 | 150 | 90 |
| Service Force | 45 | 30 | 105 | 165 | 105 |
| Non-self-sustaining ^{1/} | | | As required to accomplish assigned mission. | | |

^{1/} Self-sustaining is defined to be at least 1,000 tons displacement.

^{2/} The OST for non-FILL items is set at 90 days or actual experience, whichever is less

REQUISITIONING CHANNELS

DSA/GSA/TAC/MANAGED ITEMS
SUPPLY LEVELS AND REQUISITIONING CHANNELS



SPCC (A/H/G/N COGS)
SUPPLY LEVELS AND REQUISITIONING CHANNELS

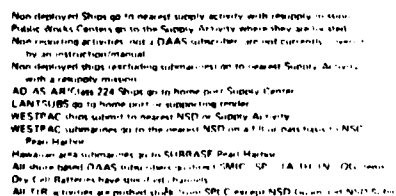
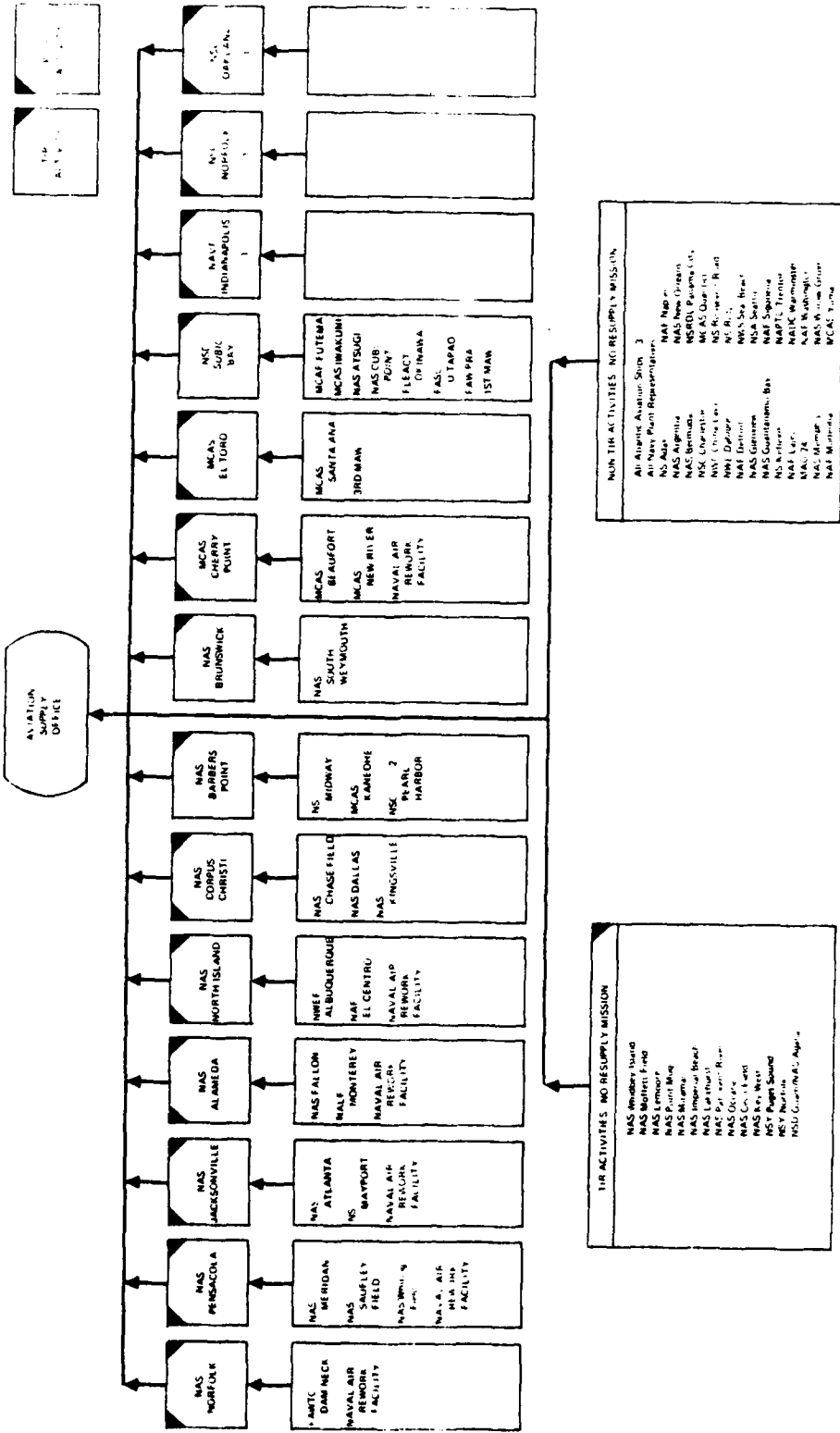


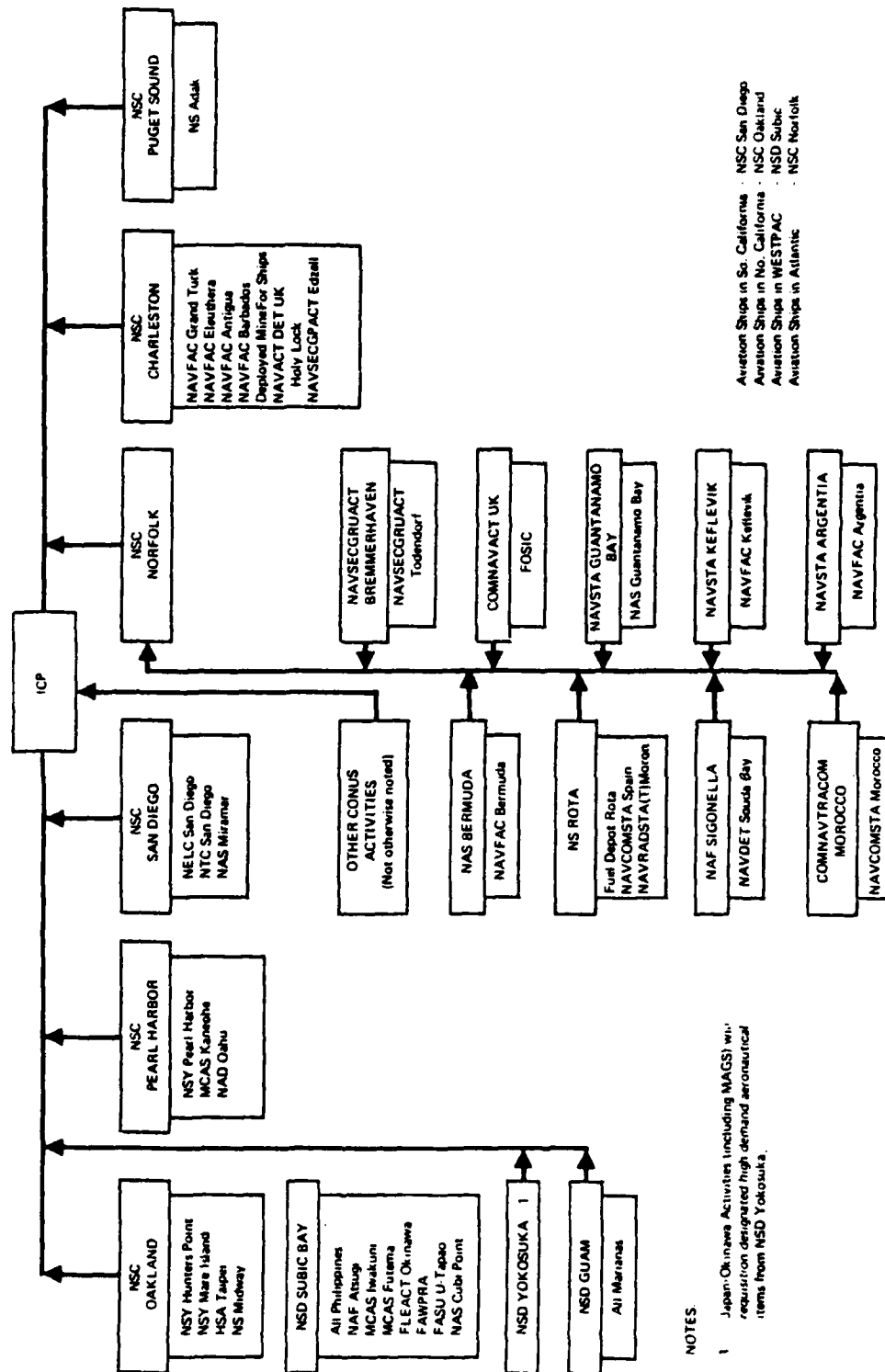
FIGURE X - 3



P.O. 1, Sioux WESTPAK, Inc. Suite 106 - 1st Fl.
 P.O. Locking - Augusta
 St. Catherine's, North York
 CHURCHILLANT SIGN To NAS Northrup Inc. 1800,
 1 NAS Building 1st 2R Bldg
 Washington, D.C. 20341

- 1. ONLY SELECTED COUNTRIES
- 2. TO AVERAGE POINT FOR EACH PHOTO & METEOROLOGICAL ITEMS ONLY
- 3. AVERAGE SCORE CONSIST OF COUNTRIES AND 1990

FIGURE X - 4
OTHER SERVICE MANAGED ITEMS
(9F/9H/9I/9J/9K/9V/9W/9Y COGS)



NOTES

- 1 Japan/Chinese Activities (including MAGS) with reduction designated high demand aeronautical items from NSD Yokosuka.

Aviation Ships in So. California : NSC San Diego
Aviation Ships in No. California : NSC Oakland
Aviation Ships in WESTPAC : NSD Subic
Aviation Ships in Atlantic : NSC Norfolk

FIGURE X - 5

COMMON NON-EQUIPMENT
RELATED MATERIAL REQUIREMENTS

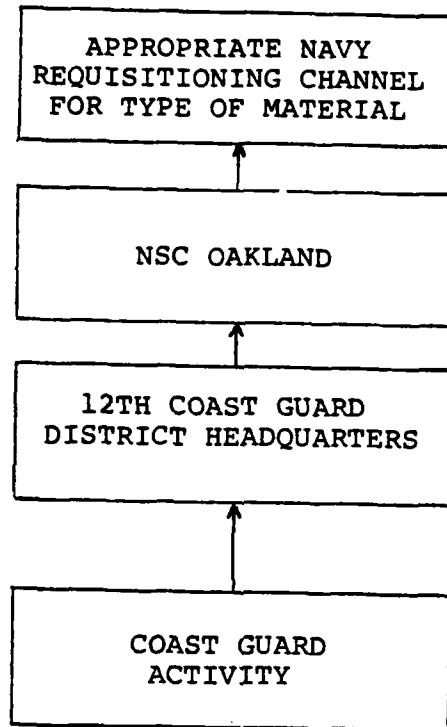
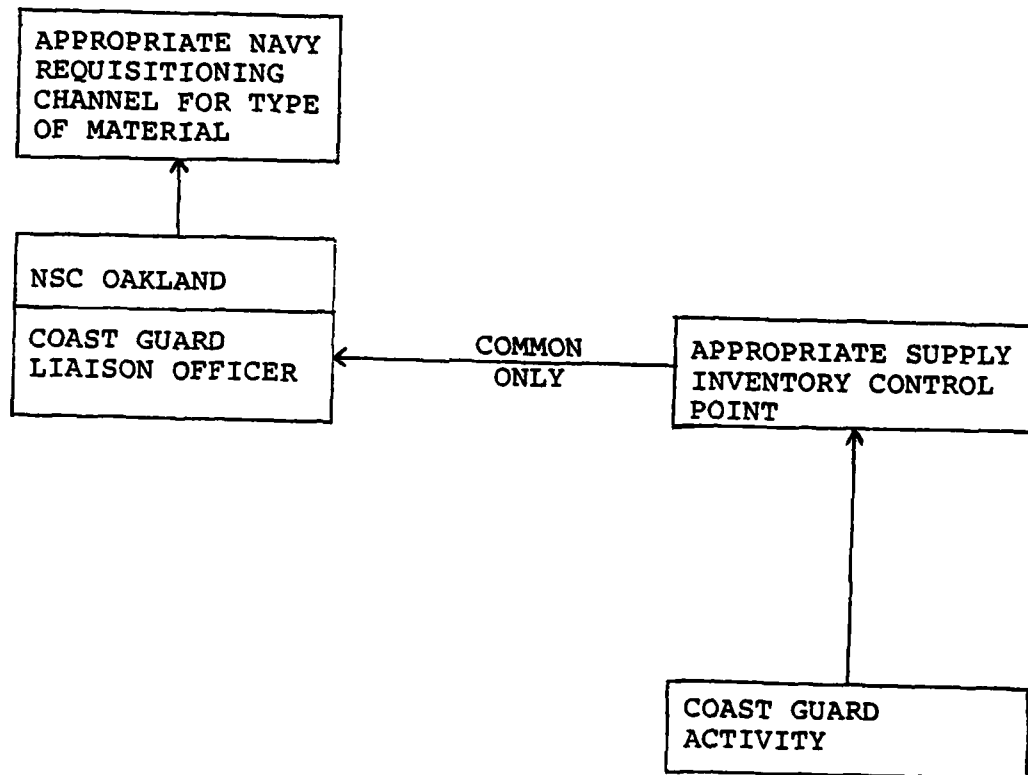


FIGURE X - 6

EQUIPMENT RELATED
MATERIAL REQUIREMENTS



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